OWNER'S HANDBOOK

Publication Part No. JJM 18 02 34 121

CALIFORNIA PROPOSITION 65 WARNING

⚠WARNING

Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm.

ABOUT THIS HANDBOOK

Please take the time to study all of the owner/operator literature supplied with your vehicle as soon as possible.

IMPORTANT

The information contained in this handbook covers all vehicle derivatives and optional equipment, some of which will not be fitted to your vehicle. Due to printing cycles this handbook may include descriptions of options before they become generally available.

The vehicle options, hardware and software, are designed for the market in which the vehicle is intended for sale. If the vehicle is to be used in another geographical area, it may need modifications to suit local requirement. Jaguar Cars is not responsible for the cost of any modifications.

The information contained in this publication was correct when it went to print. Subsequent vehicle design changes may result in a supplement being added to the literature pack. Updates can also be viewed on the Jaguar Cars internet site at **http://www.ownerinfo.jaguar.com**.

In the interest of development, the right is reserved to change specifications, design or equipment at any time without notice and without incurring any obligations. This publication, or part thereof, may not be reproduced nor translated without our approval. Errors and omissions excepted.

SYMBOLS USED IN THIS HANDBOOK

This safety alert symbol procedes any safety message about a risk of personal injury. It will also have one of the following signal words.

⚠DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

Indicate either a procedure which must be followed precisely, or information that should be considered with great care, in order to avoid the possibility of damage to your vehicle.

This recycling symbol identifies those items that must be disposed of safely in order to prevent unnecessary damage to the environment.

This symbol identifies those features that can be adjusted, disabled or enabled by your Dealer/Authorized Repairer.

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VEHICLE DEFECTS (U.S.)

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Jaguar Land Rover North America, LLC.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign.

However, NHTSA cannot become involved in individual problems between you, your dealer or Jaguar Land Rover North America, LLC.

To contact NHTSA, you may call the Vehicle Safety Hotline, toll-free, at 1-888-327-4236 (TTY: 1-800-424-9153); go to http://www.safecar.gov; or write to:

Administrator, NHTSA, 1200 New Jersey Avenue, S.E, Washington DC. 20590.

To contact Jaguar Land Rover North America, LLC, call 1-800 4 Jaguar.

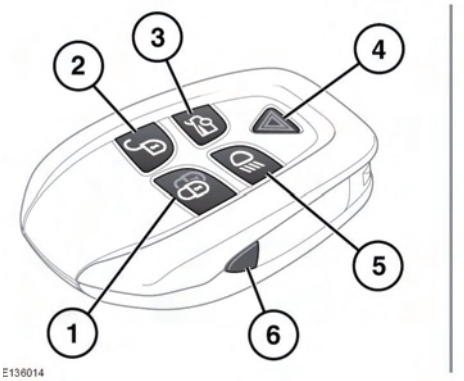
You can also obtain other information about motor safety from http://www.safecar.gov.

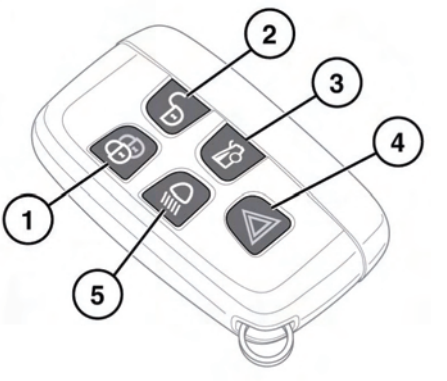
VEHICLE DEFECTS (CANADA)

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform Transport Canada, in addition to notifying Jaguar Land Rover Canada ULC.

To contact Transport Canada, call their toll-free number: 1-800-333-0510.

UNLOCKING THE VEHICLE





⚠WARNING

To prevent accidental or unauthorized operation, never leave children or animals unattended in the vehicle. The vehicle can be operated when the Smart Key is inside the vehicle.

Note: *There are two designs of Smart Key, refer to the information which is relevant to the design of Smart Key supplied with the vehicle.*

1. Press the lock button to secure the vehicle. See **14, KEYLESS LOCKING**
2. Your vehicle can be unlocked using either Single or Multi-point entry.

   When single point entry is enabled, the first press unlocks the driver's door and enables the other doors to be opened from the inside. The hazard warning lamps will flash twice to indicate that the vehicle is unlocked and the alarm has been disarmed. A second press unlocks the passenger doors and the luggage compartment.

   If multi-point entry is enabled, press briefly to unlock all the doors and luggage compartment and to disarm the alarm. The hazard warning lamps will flash twice to indicate that the vehicle is unlocked and the alarm has been disarmed.

   To change from Single to Multi-point entry (or vice versa), press both the lock and unlock buttons simultaneously for three seconds. The hazard warning lamps will flash twice to confirm the change.

   The change can also be achieved using the vehicle touch screen.
3. Press to open the luggage compartment. The vehicle security system will remain active for the period the luggage compartment is open. Door and hood security will remain active.

   The security system will re-arm to its previous state when the luggage compartment is closed.
4. Panic alarm. Press and hold for three seconds, or press three times within three second to activate the horn, siren and hazard warning lamps.

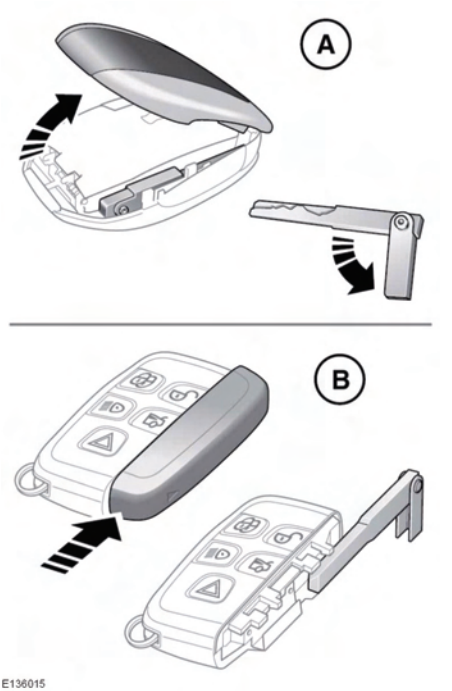
After five seconds, the alarm can be cancelled by pressing and holding the panic alarm button for three seconds, or by pressing the button three times within three seconds.

The emergency alarm will also be cancelled if the vehicle detects a valid Smart Key when the START/STOP button is pressed.

5. Press to switch on the approach illumination for up to 120 seconds. The illumination time is set using the exit delay switch. Pressing the button again or operating the starter button, will turn the approach lamps off.

6. Emergency key blade release button.

The vehicle can be unlocked as follows:

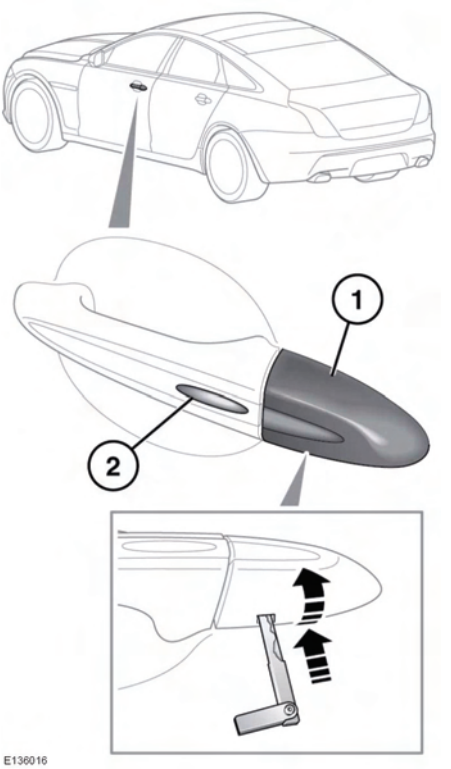


E136015

A. Press and hold the emergency key release button (**6**) while lifting the cover.

Remove and unfold the emergency key blade.

B. Slide and remove the cover to expose the emergency key.



E136016

Insert the key blade into the slot at the base of the door lock cover (**1**) and gently lever the key blade upwards.

Carefully twist the key blade to lever the cover off the retaining clips.

Insert the key blade into the exposed lock to operate.

To lock: Ensure all the doors are closed, then turn the key blade towards the front of the vehicle and release. This will lock all doors but will not arm the alarm.

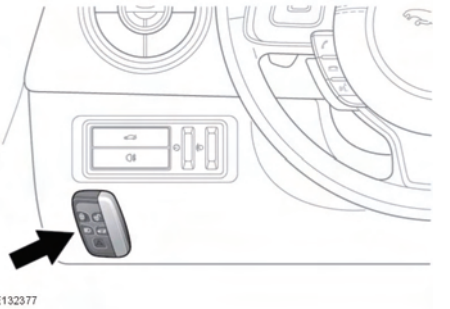
To unlock: Turn the key blade towards the rear of the vehicle and release. If the security system is disarmed, all doors and the luggage compartment will be unlocked. If the security system is armed, only the front left-hand door will unlock.

If the vehicle is unlocked using the emergency key blade with the security system armed, the alarm will sound when a door is unlocked. To deactivate the alarm, press the unlock button on the Jaguar Smart Key or press the engine START/STOP button with the Smart Key inside the vehicle.

For the key less locking button (**2**) operation, see **14, KEYLESS LOCKING**

Replacing the door lock cover:

- Align the cover to engage the bottom two clips.
- Push the top of the cover to engage the upper clip.



E132377

If the Smart Key fails to operate, **Smart Key Not Found- Refer to Handbook** is displayed in the message center. While the warning is displayed, hold the Smart Key close to the auxiliary switch pack in the position shown.

KEYLESS ENTRY

⚠WARNING

Any person fitted with an implanted medical device should ensure that the device is kept at a distance of at least 8.7 inches (22 cm) away from any transmitter mounted in the vehicle. This is to avoid any possibility of interference between the system and device. Interference may cause the implanted medical device to malfunction, causing serious injury or death.

For information concerning the locations of the security system transmitters, see 171, REMOTE KEY FOB TRANSMITTER LOCATIONS.

Keyless entry allows the vehicle to be unlocked and disarmed by simply operating the door handle, provided the Jaguar Smart Key is within 3 feet (1.0 m).

The Smart Key needs only to be on the driver's person; it does not need to be exposed or handled. However, the Smart Key may not be detected if it is place within a metal container or is shielded by a device with a back-lit LCD screen, such as a smart phone, laptop (including laptop bag), games console etc. Keep the Smart Key clear of such devices when attempting Keyless entry or Keyless starting.

Note: *Keyless entry will unlock the vehicle in accordance with the current security setting (Single-point or Multi-point entry). However, if Single-point entry is the current setting and a door other than the driver's door is opened first, all doors will unlock.*

When all open doors have been closed, the system will search the vehicle interior for a valid Smart Key. If one is not detected, **Smart Key Not Found Place As Shown** will be displayed in the message center. Find the Smart Key and place it against the facia, below the auxiliary switch pack, as shown previously.

GLOBAL OPENING

Press and hold the unlock button for three seconds. The vehicle will unlock and the alarm will be disarmed immediately. After three seconds, all of the windows will open. This feature can be enabled/disabled via the instrument panel menu.

To stop the windows from opening/closing during the global opening/closing operation, press any of the buttons on the Jaguar Smart Key or operate the driver's window switch. To stop a particular window from opening, operate the relevant window switch.

DRIVE-AWAY LOCKING

Locks all the doors when the vehicle exceeds 5 mph (8 km/h). Use of the central locking/unlocking buttons, see **216, DRIVER CONTROLS** will override the drive-away locking feature for the rest of a journey.

If a door is individually unlocked and opened, all doors will relock when the open door is subsequently closed.

Note: *Drive-away locking can be enabled/disabled via the Vehicle Set-up area of the instrument panel menu.*

CONVENIENCE MODE

When the door is opened using either the Jaguar Smart Key or keyless entry, the vehicle's electrical system initiates the convenience mode. The following systems become functional:

- Seat and steering column adjustment.
- Interior and exterior lighting.
- Message center.
- Auxiliary power socket.

REMOTE KEY FOB CARE

⚠WARNING

To prevent unauthorized operation, never leave the Smart Key unattended in the vehicle.

Do not expose to extremes of heat, dust, humidity or allow contact with fluids. Do not leave the transmitter exposed to direct sunlight.

The emergency key blade number is recorded on an attached label. Peel off the label and attach it to the designated area on the Security Card, supplied in the literature pack. Keep the Security Card safe, but not in the vehicle.

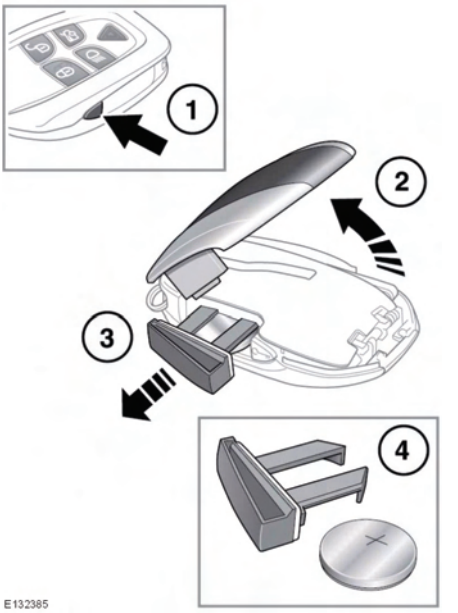
The operational range of the Jaguar Smart Key will vary considerably depending on atmospheric conditions and interference from other transmitting devices.

Note: *The radio frequency used by the Smart Key may be used by other devices (e.g. medical equipment). This may prevent the Smart Key from operating correctly.*

REMOTE KEY FOB BATTERY REPLACEMENT

Note: *There are two designs of Smart Key, refer to the information which is relevant to the design of Smart Key supplied with the vehicle.*

When the battery needs replacing, there will be a significant decrease in the effective range and the message **SMART KEY BATTERY LOW** is displayed in the message center.

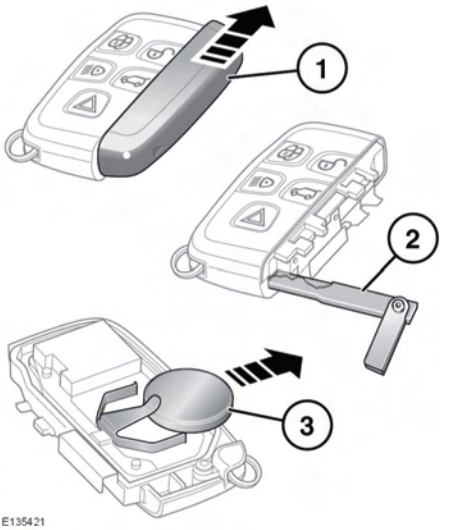


To replace the battery:

1. Press the release button on the side of the Smart Key.
2. Open the Smart Key cover.
3. Remove the battery drawer.
4. Remove the battery.

Fit a new CR2032 type battery (available from your Dealer/Authorised Repairer), with the positive (+) side upwards.

Replace the battery drawer and close the Smart Key.



E135421

To replace the battery:

1. Slide the cover in the direction of the arrow until a click is heard. Remove the cover.
2. Use the emergency key blade to separate the Smart Key body.
3. Fit a new CR2032 type battery (available from your Dealer/Authorized Repairer), with the positive (+) side upwards.

Note: *Avoid touching the new battery, as moisture/oil from your fingers can reduce battery life and corrode the contacts.*

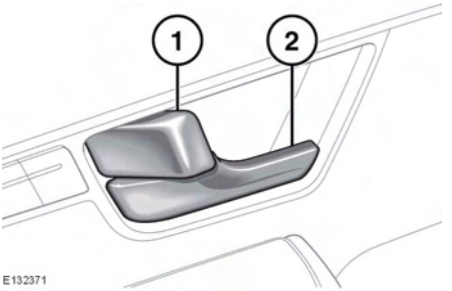
Refit the parts in the reverse order, ensuring that they click securely into place.

Battery disposal: Used batteries must be disposed of correctly, as they contain harmful substances. Seek advice on disposal from your Dealer/Authorized Repairer and/or your local authority.

DOOR LOCK AND RELEASE LEVERS

⚠WARNING

Park (P) should be engaged and the parking brake applied when the vehicle is stationary. The vehicle can move unexpectedly with any other gear position selected, which may result in death or serious injury.



1. Press the locking lever to lock the door, pull the lever to unlock the door. Operating the locking lever on either front door will lock or unlock all closed doors.
2. Pull the release lever to open a door.

   If the door is locked, the first pull of the lever will unlock the door and the second pull will open it.

Note: *If the car was locked using the Jaguar Smart Key, then operating the locking lever will only unlock that door and the alarm will sound.*

LOCK CONFIRMATION

If you are uncertain whether the vehicle is locked and armed, press the lock button again. The hazard warning lights will flash to indicate and confirm the current lock status.

MISLOCK

If one of the doors, the hood or the luggage compartment are not shut fully when the vehicle is locked using the Jaguar Smart Key or by Keyless locking, the vehicle will not lock and two warning tones will sound. Check that all doors, the hood and the luggage compartment are closed properly and lock the vehicle again.

If one or more of the doors fails to lock properly when a lock attempt is made using the Jaguar Smart Key, two warning tones will sound and one or more of the doors may not be locked.

GLOBAL CLOSING

⚠WARNING

Ensure that no children, pets, or obstructions are in any open aperture before operating global closing.

Ensure that all doors are closed, then press and hold the lock button on the door handle. The vehicle will single lock and the alarm will be fully armed immediately. After 3 seconds, all of the windows will close.

Note: *If the button on the door handle is released before the windows have fully closed, the windows will stop closing.*

KEYLESS LOCKING

The vehicle will not lock automatically.

To lock the vehicle, press the button on the door handle once. The hazard warning lamps will flash once as confirmation and the door mirrors will fold in (in some markets, an audible warning will sound).

Note: *Keyless locking will only activate if all doors, hood and luggage compartment are closed and the Jaguar Smart Key is outside the vehicle. If the above conditions are not met, two audible error warnings will sound.*

PERIMETER ALARM

To set perimeter alarm protection, press the lock button. The hazard warning lights will flash to confirm the alarm state.

DEACTIVATING THE ALARM WHEN TRIGGERED

If the alarm has been triggered, it can be deactivated by any one of the following methods:

- Press the unlock button on the Smart Key.
- Open a door using keyless entry.
- Press the START/STOP button with a valid Smart Key present.

AUTOMATIC RELOCKING AND RE-ARMING OF THE ALARM

Automatic relock and re-arm is a feature which, if enabled, automatically relocks the vehicle and arms the anti-theft system.

If the vehicle is in a locked and armed state and the remote unlock button is pressed, but none of the doors or the luggage compartment are opened within 40 seconds, the vehicle will automatically relock all the doors and the luggage compartment and will re-arm the alarm system.

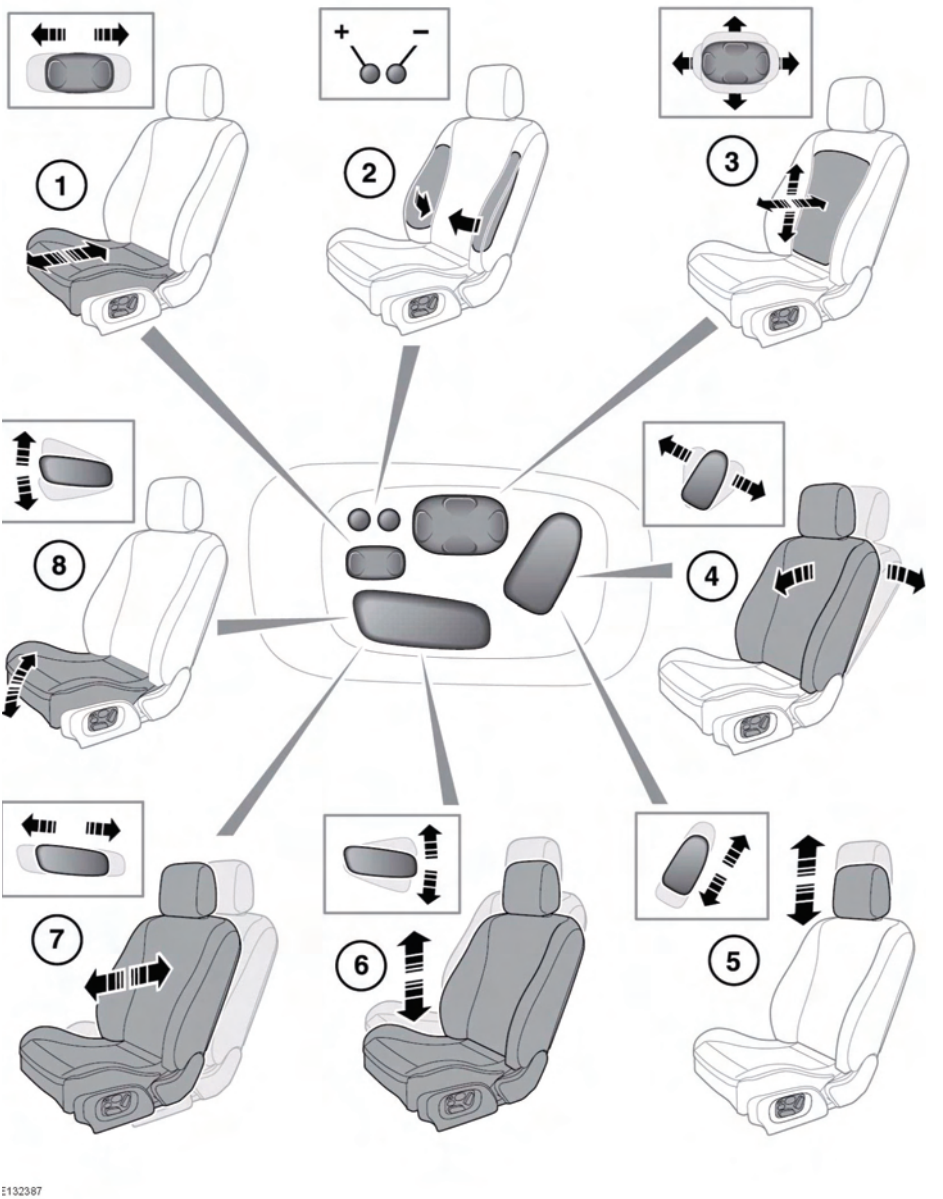
Note: *Automatic relocking and arming will only relock and arm to the last locked and armed state.*

Automatic relocking and re-arming can be enabled/disabled by your Dealer/Authorized Repairer.

SENSOR FAULTS

If the security systems detect a fault with one of the security sensors, an error tone will sound from the alarm after the vehicle is unlocked and disarmed. If this condition occurs, please visit your Dealer/Authorized Repairer for rectification.

ELECTRIC SEATS



⚠WARNING

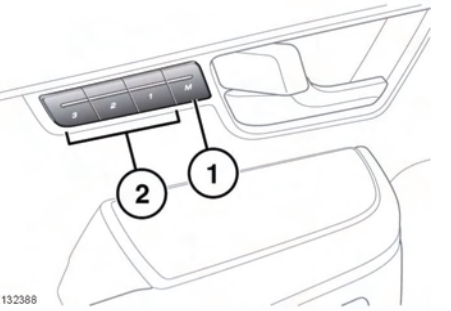
Do not adjust the seat while the vehicle is moving. Doing so could cause loss of vehicle control and personal injury.

1. Cushion length adjustment.
2. Bolster adjustment (inflate/deflate).
3. Lumbar support adjustment.
4. Seat back angle adjustment.
5. Head restraint height adjustment.
6. Height adjustment.
7. Forward and rearward adjustment.
8. Cushion front tilt adjustment.

PASSENGER SEAT AWAY

When fitted the driver can adjust the position of the front passenger seat, press for forward or rearward adjustment.

DRIVING POSITION MEMORY



1. Memory set button.
2. Memory presets.

Once you have adjusted the driver's seat, steering column (see **23, ADJUSTING THE STEERING WHEEL**) and exterior mirrors (see **48, EXTERIOR MIRRORS**) the vehicle can memorize these settings using the driver memory buttons.

Once the passenger seat has been adjusted, these settings can be memorized using the passenger memory buttons.

1. Press the memory set button to activate the memory function.
2. Press one of the preset buttons within five seconds to memorize the current settings. For the driver's settings, **MEMORY 1 (2 or 3) SETTINGS SAVED** will be displayed on the message center accompanied by an audible chime to confirm the settings have been memorized.

A seat position can only be memorized during the five second period.

Any existing settings for a memory preset will be over-written when programming a memory position.

RECALLING A MEMORIZED POSITION

⚠WARNING

Before activating the seat memory, ensure that the area immediately surrounding the seat is clear of obstructions and that all occupants are clear of moving parts.

Press the appropriate memory preset button. For the driver's settings, **MEMORY 1 (2 or 3) SETTINGS RECALLED** will be displayed in the message center.

SITTING IN THE CORRECT POSITION

⚠WARNING

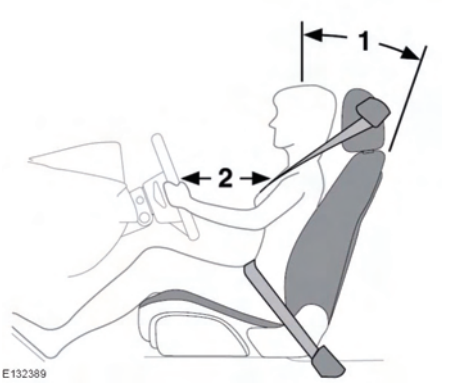
Riding with a reclined seatback increases your chance of serious or fatal injuries in the event of a collision or sudden stop. The protection of your restraint system (seat belts and airbags) is greatly reduced by reclining your seat. Seat belts must be snug against your hips and chest to work porperly. The more the seatback is reclined, the greater the chance that an occupant's neck will strike the shoulder belt. Drivers and passengers should always sit well back in their seats, properly belted, and with the seatback upright.

⚠WARNING

Never adjust the driver's seat while the vehicle is moving. Any sudden or unexpected movement of the seat could cause lose of control of the vehicle resulting in an accident.

⚠WARNING

Do not sit or lean unnecessarily close to the air bag. An inflating air bag can cause serious injury or even death. Always fasten your seat belt properly and position the seat so that you can sit as far back as possible from the air bag and still comfortably reach all controls.



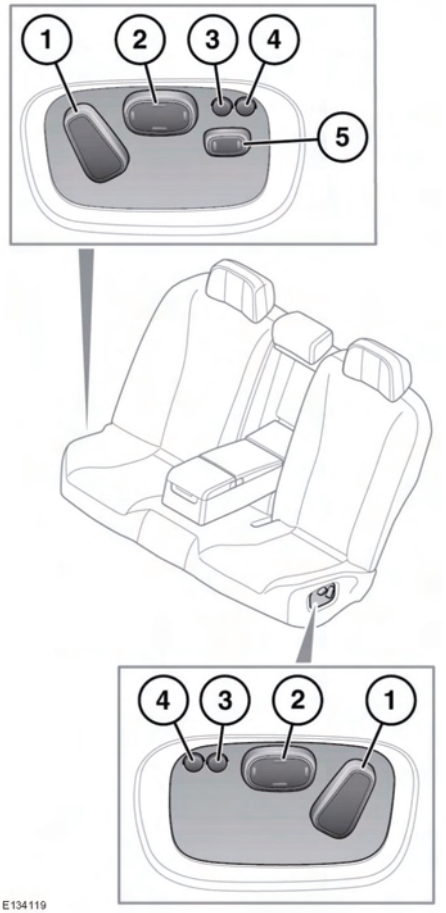
The seat, head restraint, seat belt and air bags, work together as a system to enhance occupant protection. Correct use of these components will give you greater protection, therefore you should observe the following points:

- Sit in an upright position with the base of your spine as far back as possible and the seat back reclined no more than 30 degrees (**1**), to achieve optimum benefit of the seat belt in the event of an accident.
- Do not move the driver's seat too close to the steering wheel. A minimum distance of 10 inches (254 mm) is recommended between the breastbone and the steering wheel air bag cover (**2**). Hold the steering wheel in the correct position with your arms slightly bent.

- Adjust the head restraint so that the top of the head restraint is above the center line of the head.
- Position the seat belt so that it crosses your chest, mid-way between your neck and your shoulder. Fit the strap tightly across your hips, not across your stomach.
- Ensure that your driving position is comfortable and enables you to maintain full control of the vehicle.

ELECTRIC SEATS

Note: *This feature will not operate if the rear window isolation switch has been activated.*



1. Seat back angle adjustment.
2. Lumber support adjustment.
3. Massage OFF.
4. Massage ON, operates for 10 minutes or until switched off.
5. Front passenger seat away, fore or aft adjustment.

To adjust the seats, the Jaguar Smart Key must be in the vehicle and the ignition turned on.

REAR SEAT SAFETY

⚠WARNING

Never allow passengers to travel in the luggage compartment under any circumstances. All vehicle occupants should be seated correctly and wear a seat belt at all times when the vehicle is in motion. Failure to do so could result in serious injury or death in the event of a collision.

FRONT HEAD RESTRAINTS

⚠WARNING

Head restraints are designed to support the head, not the back of the neck. The head restraint must be positioned correctly to restrain rearward movement of the head in the collision.

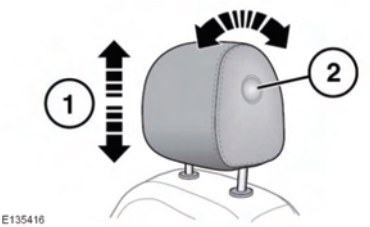
⚠WARNING

While stationary, adjust the head restraint so that the top of the head restraint is above the center line of the head. An incorrectly adjusted head restraint increases the risk of death or serious injury in the event of a collision.

⚠WARNING

It is posible to swivel the head restraint forwards or backwards. For greater protection in the event of a collision, the head restraint should be adjusted so that it is as close to the back of the head as is practical.

ELECTRIC FRONT HEAD RESTRAINTS



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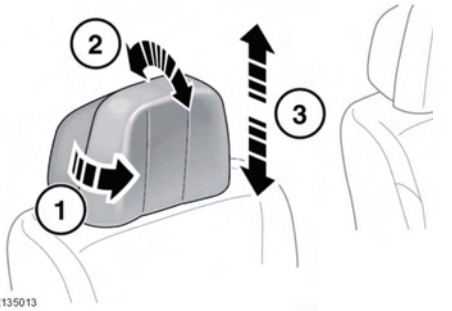
1. To adjust the height of the head restraint, see **16, ELECTRIC SEATS**.
2. To adjust the angle of the head restraint, press the locking button on the side of the restraint and tilt to the desired position.

   Note: *There is no angle adjustment on headrests where a DVD screen is fitted.*



E135013

1. Pull the wing heads forward in to the first or second position.
2. Rotate the head restraint to adjust the angle.

   Note: *There is no angle adjustment on headrests where a DVD screen is fitted.*
3. To adjust the height of the head restraint, see **16, ELECTRIC SEATS**.

Note: *It is not possible to remove the electric front head restraints.*

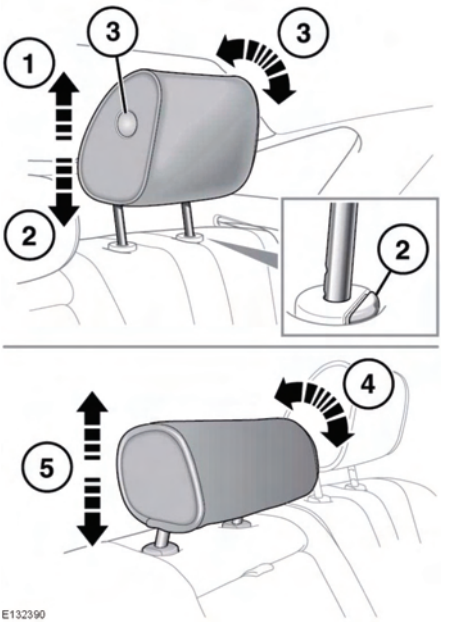
REAR HEAD RESTRAINTS

⚠WARNING

It is possible to swivel the head restraint forwards or backwards. For greater protection in the event of a collision, the head restraint should be adjusted so that it is as close to the back of the head as is practical.

⚠WARNING

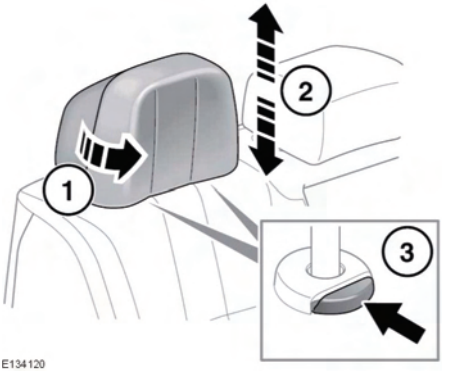
Do not drive or carry passengers with the head restraint removed from an occupied seat. The absence of a correctly adjusted head restraint increases the risk of neck injury in the event of a collision.



E132390

1. To raise, pull the restraint upwards, it will click and lock in position.
2. To lower, depress the locking button and push down on the restraint.
3. To adjust the angle of the head restraint, press the locking button on the side of the restraint and tilt to the desired position.
4. To adjust the center head restraint, tilt the restraint forward.
5. Raise or lower the restraint as required. The head restraint can be locked in one of three height positions.

   Note: *Do not use the locking collars to raise or lower the center head restraint. The locking collars are only used to remove the center head restraint.*



E134120

1. Pull the wing heads forward in to the first or second position.
2. To raise, pull the restraint upwards, it will click and lock in only one position.

   Note: *Do not try to raise the head restraint further than the one adjustment position.*
3. To lower, depress both the locking buttons at the same time.

REAR HEAD RESTRAINT REMOVAL

⚠WARNING

Always store a removed head restraint securely. In the event of an accident, an unsecured object can cause serious injury or death.

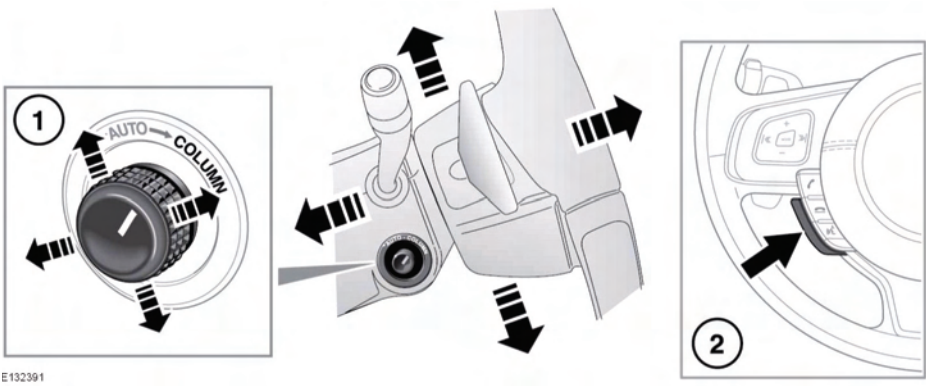
It is possible to remove the center rear head restraint, if necessary, to enable the fitment of a child restraint:

1. Raise the head restraint to its uppermost position.
2. Press both locking collars.
3. Lift the head restraint out of the seat.

Ensure the head restraint is refitted once the child seat is removed.

Note: *It is not possible to remove the left or right rear head restraints.*

ADJUSTING THE STEERING WHEEL



E132391

1. Steering column adjuster.

The steering wheel can be adjusted for tilt and reach as follows:

- Move the control forwards or rearwards to adjust reach.
- Move the switch up or down to adjust tilt.

Up to 3 steering wheel positions can be stored and recalled, along with seat and exterior mirror positions, by the driving position memory. See **17, DRIVING POSITION MEMORY**.

⚠WARNING

Never adjust the steering wheel while the vehicle is moving. Doing so may result in loss of control of the vehicle, potentially resulting in an accident.

⚠CAUTION

Do not use steering wheel mounted security devices. Movement of the steering wheel in exit and entry mode, could result in damage to the vehicle or possible injury to the occupant.

2. Heated steering wheel switch.

ENTRY AND EXIT MODE

With the steering column adjustment control in the AUTO position, the steering column will move to provide easier entry and exit from the vehicle, as follows:

- **Exit:** When the driver's door is opened, the steering column will move to the uppermost tilt position.
- **Entry:** When the driver's door is closed and the ignition is turned on, the steering column will return to its previously selected driving position.

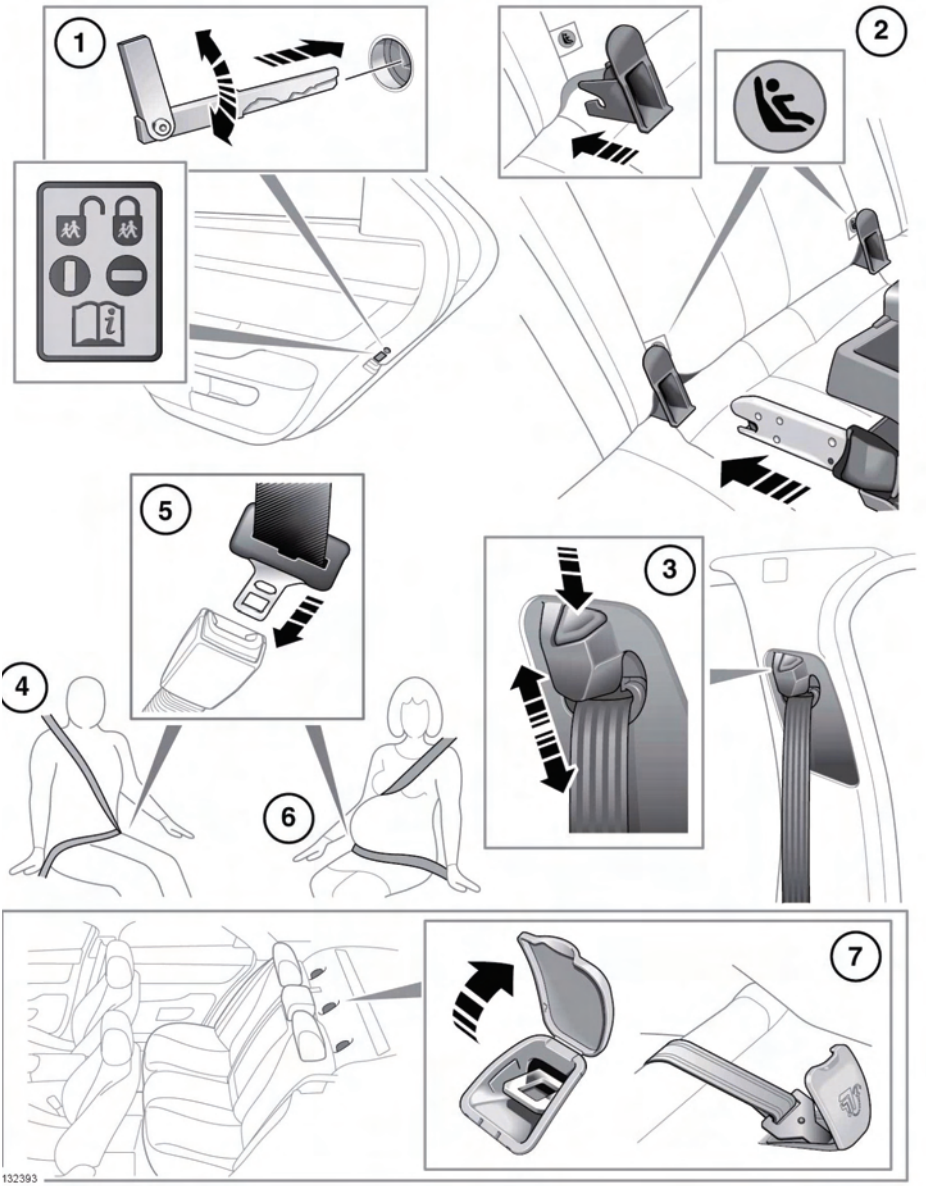
Note: *If the column control is moved away from AUTO when the column is in the Exit position, the column will still move back to its previous driving position when the driver's door is closed and the ignition is switched on.*

Note: *If the column is manually adjusted during Entry or Exit operation, column movement will stop.*

HEATED STEERING WHEEL

Pull this switch (**2**) to activate the steering wheel heater. Pull again to turn off.

USING SEAT BELTS AND CHILD SAFETY LOCKS



1. To change the child lock settings:
   - Open the door to access the child safety lock.
   - Insert the emergency key into the slot and rotate a quarter of a turn, to enable or disable the interior door handle, as required.
2. To install a LATCH anchorage child seat (not in center rear seat position):
   - Raise the head restraint on the relevant seat.
   - Locate the lower anchor bars which are accessible through the gap between the seat back and seat base. For child seats fitted with rigid lower LATCH connectors, insert the protective guides supplied with the child seat as shown.
   - For child seats fitted with **rigid** lower LATCH connectors, slide the child seat locking mechanism into the protective sleeves and onto the anchor bars. For child seats fitted with **non-rigid** LATCH connectors, connect the lower tether strap hooks to the anchor bars and tighten the straps.
   - Test the security of the child restraint. To do this, attempt to pull the restraint away from the vehicle seat and twist the restraint from side to side. Even if the restraint appears secure, you should still check the anchor points visually to ensure correct attachment.

   Note: *Always ensure that if an upper tether is provided, it is fitted and tightened correctly.*
3. To adjust the seat belt height:
   - Press to release the catch.
   - With the catch depressed, slide the mechanism up or down to the required height. Release the catch and ensure the locking mechanism has engaged.

⚠WARNING

Ensure that the height is correctly adjusted and the mechanism is locked in place before driving. Do not attempt to adjust the seat belt height once the vehicle is in motion. Doing so may cause you to lose control of the vehicle or incorrectly adjust the seat belt.

⚠WARNING

Do not use comfort clips or devices that create slack in the seat belt system.

⚠WARNING

No modifications or additions should be made by the user which will either prevent the seat belt adjusting devices from operating to remove slack, or prevent the seat belt assembly from being adjusted to remove slack. A slack seat belt offers a greatly reduced level of occupant protection in an impact and could result in serious injury or death.

4. Draw the belt out smoothly, ensure that the belt height, the seat, and your position on the seat are correct.

⚠WARNING

Seat belts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis, chest and shoulders, as applicable; wearing the lap section of the belt across the abdominal area must be avoided. Never wear the seat belt as just a lap belt.

⚠WARNING

Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack belt will greatly reduce the protection afforded to the wearer.

⚠WARNING

Belts should not be worn with the straps twisted.

⚠WARNING

Each belt assembly must only be used by one occupant. Never let children share a seat or seat belt.

⚠WARNING

Riding with a reclined seatback increases your chance of serious or fatal injuries in the event of a collision or sudden stop. The protection of your restraint system (seat belts and airbags) is greatly reduced by reclining your seat. Seat belts must be snug against your hips and chest to work properly. The more the seatback is reclined, the greater the chance that an occupant's neck will strike the shoulder belt. Drivers and passengers should always sit well back in their seats, properly belted, and with the seatback upright.

⚠WARNING

Never place anything between you and the seat belt in an attempt to cushion the impact in the event of an accident.

5. With the seat belt correctly positioned, place the metal tongue into the buckle nearest to you. Press it in until a click is heard. Ensure that all slack has been taken up by the retractor and the belt fits tightly across the hips.

   Note: *When releasing the seat belt it is advisable to hold the belt before pressing the release button. This will prevent the belt from retracting too quickly.*

   To release the seat belt, press the red button.

⚠WARNING

The air bag Supplementary Restraint System (SRS) is designed to add to the overall effectiveness of the seat belts. It does not replace them. Seat belts must always be worn.

6. **Use of seat belts during pregnancy:** Position the lap strap comfortably across the hips beneath the abdomen. Place the diagonal part of the seat belt between the breasts and to the side of the abdomen, as illustrated.

⚠WARNING

Position the seat belt correctly for the safety of the mother and unborn child. Never wear just the lap strap, and never sit on the lap strap while using just the shoulder strap. Both of these actions are extremely dangerous, and may increase your risk of serious injury in the event of an accident or during emergency braking.

⚠WARNING

Ensure that the seat belt is not slack or twisted.

⚠WARNING

Never place anything between you and the seat belt. It can be dangerous and reduce the effectiveness of the seat belt in preventing injury.

7. Tether strap anchorages. See **31, INSTALLING TETHER ANCHORAGE CHILD RESTRAINTS**.

⚠WARNING

Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle.

⚠WARNING

Do not attempt to fit a LATCH child restraint to the center rear seating position. The anchor bars are not designed to hold a LATCH child restraint in this position. Install only using seat belts (non-LATCH system) and the top tether at this position.

SEAT BELT SAFETY

⚠WARNING

Seat belts should be worn by all vehicle occupants, for every journey, no matter how short. Failure to do so will greatly increase the risk of serious injury or death in the event of an accident.

⚠WARNING

It is essential to replace the entire assembly after it has been worn in a severe impact even if damage to the assembly is not obvious. Damage to the seat belt can greatly reduce its effectiveness in reducing the risk of serious injury or death in the event of an accident.

⚠WARNING

The belt should be replaced if webbing becomes frayed, contaminated or damaged. Damage to the seat belt can greatly reduce its effectiveness in reducing the risk of serious injury or death in the event of an accident.

⚠WARNING

Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water. Damage to the seat belt can reduce its effectiveness in reducing the risk of serious injury or death in the event of an accident.

⚠WARNING

Do not carry hard, fragile, or sharp items between your person and the seat belt. In an impact, the pressure on such items can cause them to break, which in turn may cause serious injury or death in the event of an accident.

⚠WARNING

When using seat belts to restrain items other than occupants, take care to ensure that the belts are not damaged, or exposed to sharp edges. Damage to the seat belt can reduce its effectiveness in reducing the risk of serious injury or death in the event of an accident.

⚠WARNING

Do not use comfort clips or devices that create slack in the seat belt system.

SEAT BELT CHECKS

Note: *If the vehicle is parked on an incline, the seat belt mechanism may lock. This is not a fault and the belt should be gently eased out from the upper anchorage.*

The seat belts should be inspected regularly to check for fraying, cuts or wear to the webbing, and the condition and security of the mechanism, buckles, adjusters, and mounting points.

- With the seat belt fastened, give the webbing near the buckle a quick upward pull. The buckle must remain securely locked.
- With the seat belt unfastened, unreel the seat belt to the limit of its travel. Check that it unreels smoothly with no snatches or snags. Allow the belt to fully retract, again checking for smooth operation.
- Partially unreel the seat belt, then hold the tongue plate and give a quick forward pull. The mechanism must lock and prevent any further unreeling.

If any of the seat belts fail to meet those criteria, immediately contact your Dealer/Authorized Repairer.

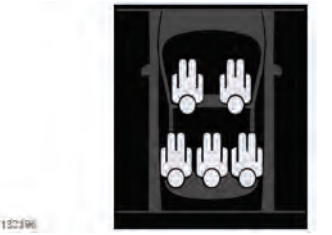
SEAT BELT WARNING LAMP

The warning lamp in the instrument panel stays illuminated when the driver's or front passenger's seat belt is not fastened (if the passenger seat is occupied). The lamp should extinguish when the seat belt is fastened.

The warning lamp will also flash in conjunction with the Beltminder warning chime.

BELTMINDER

A front and rear seat Beltminder system warns the driver when the seat belt of an occupied seat is not fastened or is unfastened during a journey.



A vehicle graphic in the message center indicates which seat belts are fastened at the start of a journey and when a seat belt is fastened or unfastened during a journey.

Each seating position is represented by a passenger icon, the color of which indicates the seat belt status:

- No color - seat belt not fastened.
- Green - seat belt fastened.
- Red - driver's or occupied front seat passenger's seat belt is not fastened or is unfastened while the vehicle is moving forwards.

In addition, an audible warning will sound under the following conditions:

- The driver's or occupied front seat passenger's seat belt is not fastened or is unfastened while the vehicle is moving forwards.
- A rear seat belt is unfastened.

Note: *If a heavy object is placed on the front passenger seat, it may activate the Beltminder feature. It is recommended that the object be placed in the luggage compartment.*

Note: *Although not advisable, it is possible to disable the Beltminder function. Please see your Dealer/Authorized Repairer to disable or re-instate the function.*

CHILD SAFETY LOCKS

If children are to be carried in the rear seat positions, it is recommended that the rear door interior handles are disabled. See **24, USING SEAT BELTS AND CHILD SAFETY LOCKS**.

CHILD SEATS

⚠WARNING

According to crash statistics, children are safer when properly restrained in the rear seats than in the front seats. Even with advanced air bags, children can be seriously injured or killed. Never place a child in any type of child restraint or booster seat in the front passenger seat. Children under the age of 13 should always ride in the rear.

⚠DANGER

Make sure the child seat fits your child properly. Always check the seat manufacturer's instructions and labels for height and weight limits. For more specific guidance, consult your pediatrician.

There are three general types of child restraint systems: Infant seats, toddler seats, and belt-positioning booster seats.

Infants: until at least 1 year of age and at least 20 lbs (9 kg).

Toddlers: until about age 4 and about 40 lbs (18 kg).

Boosters: belt-positioning booster until about age 8 or at least 4 ft 9 inches (145 cm) and seat belt fits properly.

⚠DANGER

Do not allow a baby or infant to be held or carried on the lap. The force of a crash can increase effective body weight by as much as thirty times, making it impossible to hold onto the child. At all times, children should be restrained in age and size appropriate child seats to reduce the risk of injury in a crash.

⚠WARNING

Children could be endangered in a crash if their child restraints are not properly secured in the vehicle. Always follow the instrutions that accompany the child seat carefully.

Child restraint systems are designed to be secured in vehicle seats by use of the lap belts or the lap belt portion of a lap-shoulder belt. Children could be endangered in a crash if their child restraints are not properly secured in the vehicle.

The seat belts fitted to your vehicle are designed for adults and larger children. It is very important for all infants and children under 13 years of age to be restrained in a suitable child safety seat appropriate to their age and size.

This symbol, affixed to the end of the facia on the passenger side, warns against the use of a rear-facing child seat in the front passenger seat, when a front passenger air bag is fitted and operational.

If it is essential that a child travels in the front passenger seat, Jaguar recommends that the following preparations are made before fitting the child restraint.

- Adjust the front passenger seat fully rearwards.
- Adjust the lumbar support to its minimum support position.
- Adjust the seat cushion to its highest position. If cushion front tilt adjustment is possible, adjust it to its lowest position.
- Adjust the seat back to the fully upright position.
- Adjust the seat belt adjustable upper anchorage to its lowest position.

⚠WARNING

Extreme hazard! Never place a rearward facing child restraint on the front passenger seat. The infant could be seriously injured or killed if the air bag deploys.

SEAT BELT LOCKING MECHANISM

The front passenger and rear seat belts have a locking mechanism which improves the retention of child seats.

The procedure to install a child seat is as follows:

1. Place the child seat in the vehicle, attach the seat belt and secure the buckle in accordance with the manufacturer's fitting instructions.
2. Pull on the shoulder section of the belt to unreel all of the remaining webbing to the limit of its travel. This will engage the automatic locking feature which then acts as a ratchet, only allowing the webbing to retract.
3. Allow the seat belt to retract onto the child seat (a clicking sound will confirm that the ratchet has engaged), while firmly pushing the child seat into the vehicle seat.
4. Ensure that there is no slack in the seat belt, by pulling upwards on the shoulder belt immediately above the child restraint. The seat belt should now be locked and the child seat held firmly in position.

When the child seat is removed and all of the seat belt webbing is allowed to retract, the seat belt locking mechanism reverts to normal operation.

CHILD RESTRAINT CHECK LIST

Every time a child travels in the vehicle observe the following:

Non-LATCH child restraints

- Carefully follow the instructions provided by the manufacturer of the restraint system.
- Always use the appropriate child restraints and adjust harnesses for every child, every trip.
- Make sure that a child falls into the correct weight range for the seat. Avoid dressing a child in bulky clothing and do not place any objects between the child and the restraint system.
- Regularly check the fit of a child seat and replace seats or harnesses that show signs of wear.
- Ensure that you have removed all slack from the adult seat belt.
- No child seat is completely child-proof. Encourage a child not to play with the buckle or harness.
- Never leave a child unsupervised in the vehicle.

- Activate the rear door child safety locks. See **24, USING SEAT BELTS AND CHILD SAFETY LOCKS**.
- Set a good example - always wear your seat belt.

LATCH child restraints

- Always attach the top tether when installing the LATCH seat.
- Carefully follow the instructions supplied with the child seat. Always give the LATCH seat a final pull, to ensure that the lower anchors are secure.
- Always use the appropriate child restraints and adjust the harnesses for every child, every trip.
- Make sure that a child falls into the correct weight range for the seat. Avoid dressing a child in bulky clothing and do not place any objects between the child and the restraint system.
- Regularly check the fit of a child seat and replace seats and harnesses that show signs of wear.
- No child seat is completely child-proof. Encourage children not to play with the buckle or harness.
- Never leave a child unsupervised in the vehicle.
- Activate the rear door child safety locks. See **24, USING SEAT BELTS AND CHILD SAFETY LOCKS**.
- Set a good example - always wear your seat belt.

Note: *The legislation which governs how and where children should be carried when travelling in a vehicle, is subject to change. It is the responsibility of the driver to comply with all regulations in force.*

BOOSTER SEATS

In a situation where a child is too large to fit into a child safety seat (child is over 20 lbs or 7.5 kg), but is still too small to safely fit the three point belt properly (under 4 feet 9 inches or 145 cm), a booster seat is recommended for maximum safety. Follow the manufacturer's instructions for fitting and use, then adjust the seat belt to suit.

INSTALLING TETHER ANCHORAGE CHILD RESTRAINTS

⚠WARNING

Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other equipment or items to the vehicle. Doing so can greatly increase the risk of serious injury or death in the event of an accident.

⚠WARNING

Always follow the child seat or restraint system manufacturer's instructions when fitting tether straps. Failure to do so can greatly reduce the effectiveness of the child seat or restraint system in the event of an accident.

⚠WARNING

If a child seat or restraint system is to be fitted in the center seating position, the center armrest must be in the stowed position (folded into the seat). It is impossible to secure the child seat or restraint system correctly with the armrest in place, which reduces the effectiveness of the restraint in the event of an accident.

Your vehicle is equipped with tether anchorage points behind the rear seat head restraints. These should be used to attach straps from child seats or restraint systems.

1. Install the child restraint securely in one of the rear seating positions.
2. Pass the tether strap over the seat back and beneath the head restraint.
3. Attach the tether strap hook to the tether anchor point on the back of the seat. Ensure that the tether strap hook is facing the correct way. See **24, USING SEAT BELTS AND CHILD SAFETY LOCKS**.
4. Tighten the tether strap according to the child restraint manufacturer's instructions.

CHILD SEAT POSITIONING

PROPER CHILD SAFETY SEAT USE CHART
Buckle Everyone. Children Age 12 and Under in Back.

	INFANTS	TODDLER	YOUNG CHILDREN
WEIGHT	Birth to at least 1 year old and at least 20 lb. (9 kg).	Over 1 year and Over 20 lb. (9 kg) to about 4 years and 40 lb (18 kg) or child reaches highest weight or height allowed by child seat manufacturer.	Children who have outgrown their forward-facing toddler seat until vehicle seat belts fit properly, usually when a child is at least 4 ft 9 ins (145 cm) tall and 8 years old.
TYPE of SEAT	Rear-facing infant seat or convertible seat.	Convertible seat or Forward-facing toddler seat.	Belt positioning booster seat.
SEAT POSITION	Rear-facing only.	Forward-facing.	Forward-facing.
ALWAYS MAKE SURE	Harness straps should be at or below shoulder level.	Harness straps should be at or above shoulder level.	Use booster seat with vehicle's lap and shoulder belt. Keep lap portion low and tight across the pelvis and upper thigh area to avoid abdominal injuries. Keep shoulder portion snug crossing the chest and shoulder. Never across the neck or face and never let a child place the shoulder belt behind their back.
CHILDREN RIDE IN REAR	Even with advanced air bags, children can be seriuosly injured or killed. Never place a child in any type of child restraint or booster seat in the front passenger seat. Children under the age of 13 should always ride in the back seat.		

When installing a child seat in the rear, the front seat must be moved forward and upwards to install any rear-facing child seat.

Care must be taken not to load any part of the child seat when repositioning the front seat. The space available for front seat occupants will be reduced by the fitment of any rearward-facing child seat.

⚠WARNING

Crash statistics show that children are safest when properly restrained in a child or infant restraint system that is secured in a rear seating position.

LATCH CHILD RESTRAINT ANCHOR POINTS

⚠WARNING

Do not attempt to fit a LATCH child restraint to the center rear seating position. The anchor bars are not designed to hold a LATCH child restraint in this position. The effectiveness of the restraint will be greatly reduced in the event of an accident.

⚠WARNING

If the restraint is not correctly anchored, there is a significant risk of injury to the child in the event of a collision or emergency braking.

⚠WARNING

Child restraint anchorages are designed to withstand only loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adult seat belts, harnesses or for attaching other items or equipment to the vehicle. Doing so will greatly increase the risk of serious injury or death in the event of an accident.

⚠WARNING

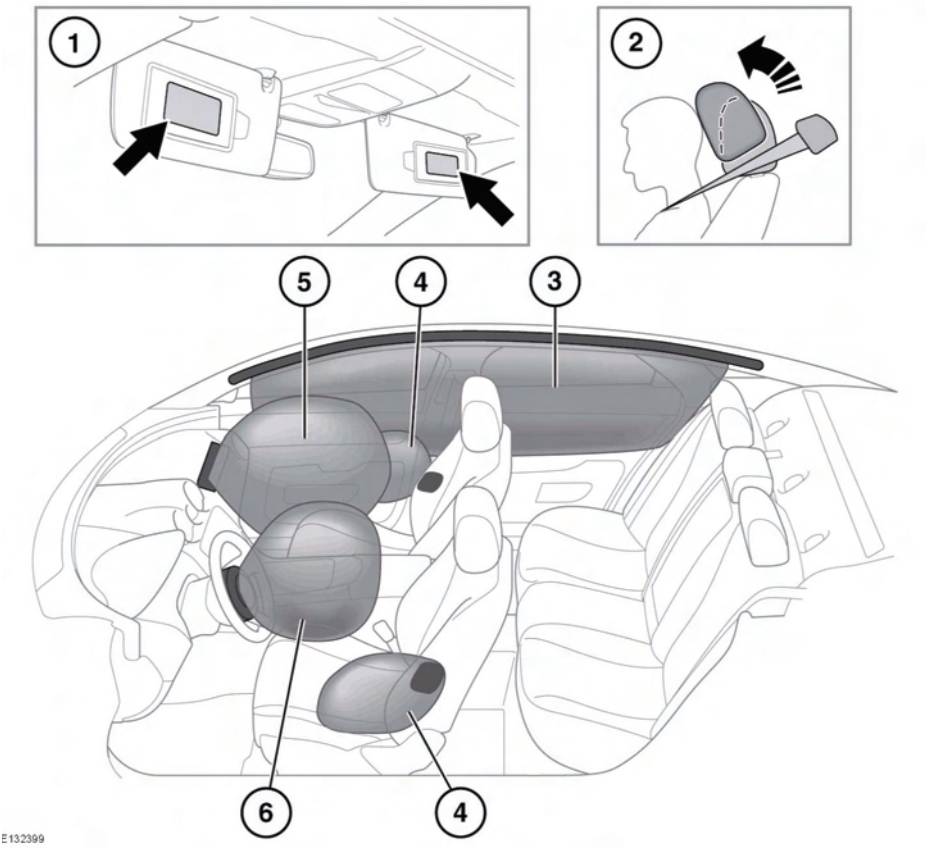
If removing a head restraint in order to fit a child restraint, always secure the head restraint when storing it. In the event of an accident, unrestrained objects can potentially become deadly missiles.

Both of the outer rear seat positions are equipped to accept LATCH restraints.

This symbol is on a label sewn into the seats to indicate the position of the LATCH lower anchorages.

For the LATCH restraints installation instructions, see **24, USING SEAT BELTS AND CHILD SAFETY LOCKS**.

AIR BAGS AND ACTIVE HEAD RESTRAINTS



1. Air bag warning information is printed on the driver and passenger sun visors.
2. Both front seats are equipped with Active Head Restraints (AHR) which may reduce the risk of neck and spinal injury (whiplash) in the event of a rear impact by moving the head restraint upwards and forwards, supporting the occupant's head.

   After activation, the whiplash protection mechanism automatically resets and does not need to be replaced.
3. The curtain air bags may deflate at a slower rate than the front or side air bags, to afford prolonged protection.
4. Seat mounted side air bags.
5. Front passenger air bag.
6. Driver's air bag.

Note: *The general location of air bags fitted to the vehicle are marked by the words AIR BAG.*

⚠WARNING

High speed impacts may cause serious injury or death irrespective of safety features fitted to a vehicle. Always drive with caution and consideration for the vehicle's characteristics, road and weather conditions, and do not exceed any speed limits in force.

⚠WARNING

Seat belts must be worn at all times, by the driver and passengers in all seating positions. The air bag Supplementary Restraint Systems (SRS) cannot provide protection in some types of impact. Under these circumstances, the only protection will be provided by a correctly worn seat belt.

AIR BAG OPERATION

⚠WARNING

For the air bags to operate correctly the roof lining and door post trims must be in good condition, correctly fitted and free from obstruction. Any damage, wear, or incorrect fitment should be referred to your Dealer/Authorized Repairer as soon as possible for examination and repair.

⚠WARNING

Air bags inflate at high speeds. To minimize the risk of injury, ensure that all vehicle occupants wear correctly positioned seat belts, sit correctly in the seats, and position the seats as far back as practical.

⚠WARNING

Air bag inflation takes place instantaneously, and cannot protect against the effects of secondary impacts. Under these circumstances the only protection will be provided by a correctly worn seat belt.

⚠WARNING

Phone systems should only be installed by qualified persons familiar with the operation of, and requirements for, vehicles fitted with SRS. If you are in any doubt, seek advice from your Dealer/Authorized Repairer.

Air bag deployment is dependent on the rate at which the passenger compartment changes velocity following the collision. Circumstances affecting different collisions (vehicle speed, angle of impact, type and size of object hit, etc.), vary considerably and will affect the rate of deceleration accordingly.

The Supplementary Restraint System (SRS) components include:

- SRS warning indicator.
- Rotary coupler.
- Air bag modules.
- Seat belt pre-tensioners (front seat belts).
- Air bag diagnostic control unit.
- Crash sensors.
- Air bag wiring harnesses.
- Seat occupancy sensor.

The SRS is not designed to operate as a result of:

- Rear impacts.
- Minor front impacts.
- Minor side impacts.
- Heavy braking.
- Driving over bumps and pot holes.

Therefore, it follows that considerable superficial damage to the vehicle can occur, without causing the air bags to deploy.

AIR BAG OBSTRUCTION

⚠WARNING

Ensure that a gap is maintained between the side of the vehicle, and the head and torso. This will enable unobstructed inflation of the curtain, and seat mounted side air bags.

⚠WARNING

Do not use non-approved seat covers/accessory seat covers that have not been designed for use with air bags. If in doubt, consult your Dealer/Authorized Repairer.

⚠WARNING

Do not obstruct the operation of the air bags by placing any part of your person or any odjects in contact with, or close to, an air bag module. If the air bag inflates, objects or any part of your person could interfere with the inflation of the air bag or be propelled inside the vehicle, causing injury to the occupants.

Do not allow passengers to obstruct the operation of the air bags by placing feet, knees, or any other part of the body, or any other objects in contact with, or in close proximity to, an air bag module.

Do not place objects between the air bag module and the seat occupant.

⚠WARNING

Do not attach or position items on, or close to, the roof lining, front seat backrests or air bag covers which could interfere with the inflation of the air bag or be propelled inside the vehicle causing injury to the occupants.

⚠WARNING

For the curtain air bags to deploy correctly, the roof lining and A-post trim must be undamaged and fitted correctly. Any damage or suspect fitting should be referred to a Dealer/Authorized Repairer for examination as a matter of urgency.

Air bags cannot deploy correctly if they are obstructed. Examples of obstructions are:-

- Any parts of an occupant's body in contact with, or close to, an air bag cover.
- Objects placed on, or close to, an air bag cover.
- Clothing, sun screens or other material hanging from grab handles.
- Clothing, cushions or other material covering seat mounted air bags.
- Seat covers which are not approved by Jaguar or specifically designed for use with seat mounted air bags.

This list is not exhaustive. It remains the responsibility of the occupants to ensure that the air bags are not obstructed in any way.

Note: *Any unauthorized modification of the vehicle or parts may invalidate the vehicle warranty.*

Note: *Curtain air bags will not inflate as a result of frontal or rear impacts alone.*

AIR BAG DEPLOYMENT EFFECTS

⚠WARNING

When an air bag inflates, a fine powder is released. This is normal and not an indication of a malfunction. The powder may cause irritation to the skin and should be thoroughly flushed from eyes and any cuts or abrasions. This powder can cause breathing difficulties for asthma sufferers or people with other respiratory problems. If this occurs, get out of the vehicle as soon as it is safe to do so or get fresh air by opening a window. If breathing problems persist, seek medical attention.

⚠WARNING

Air bag deployment is accompanied by a very loud noise which may cause discomfort and temporary loss of hearing.

After inflation, the front and seat mounted air bags deflate immediately. This provides a gradual cushioning effect for the occupants and also ensures that the driver's forward vision is not obscured.

AIR BAG WARNING LAMP

The air bag warning indicator is mounted in the instrument panel and will illuminate as a bulb check when the ignition is switched on.

⚠WARNING

Even with advanced air bags, children can be seriously injured or killed. Never place a child in any type of child restraint or booster seat in the front passenger seat. Children under the age of 13 should always ride in the rear.

If any of the following warning lamp conditions occur, the vehicle should be checked by your Dealer/Authorized Repairer immediately.

- The warning lamp fails to illuminate when the starter switch is initially switched on.
- The warning lamp fails to extinguish within six seconds of the starter switch being switched on.
- The warning lamp illuminates at any time other than as previously described.

OCCUPANT SENSING

A weight sensor is included in the front passenger seat.

The occupancy weight sensor operates as follows:

Front passenger seat occupancy status	Front passenger air bag status	Indicator active
Completely empty	Deactivated	No*
Low weight object/occupant	Deactivated	Yes**
Heavy object/occupant	Activated	No

* It is possible to receive an intermittent indicator illumination with an empty seat. This is part of the systems adaptive behaviour and does not affect the status of the front passenger air bags. However, if the indicator becomes permanently illuminated when the seat is empty and the seat belt is unbuckled, contact your Dealer/Authorized Repairer immediately.

** In some cases, a small child placed in a child seat may not activate the deactivation indicator. If this occurs, the front passenger air bag status will be as described for an empty seat.

The front passenger air bag is designed to provide supplementary protection to full sized adult occupants that are correctly seated and belted.

⚠WARNING

Even with advanced air bags, children can be seriously injured or killed. Never place a child in any type of child restraint or booster seat in the front passenger seat. Children under the age of 13 should always ride in the rear.

Deployment of the front passenger air bag is not always beneficial for small/lower weight occupants and could be harmful to children/infants in restraint systems. Jaguar vehicles are fitted with a sensing system (conforming to FMVSS 208) that automatically detects when deployment of the front passenger air bag would be unnecessary or potentially harmful. If the seat is occupied by a lower weight adult and air bag deployment is judged by the system to be unnecessary, the passenger air bag will be deactivated and the **PASS. AIR BAG OFF** symbol on the overhead console will be illuminated. An occupant weighing approximately 100 lbs (45.4 kg) is classified as a lower weight occupant, although, at this weight, with occupant movements and vehicle motion, the air bag activation/deactivation should be expected to switch states occasionally. This is not necessarily indicative of a system fault.

AIR BAG DEACTIVATION INDICATOR

Whenever the air bag deactivation indicator is illuminated, the front passenger air bag will not be deployed in the event of an impact.

Note: *The air bag deactivation indicator will illuminate for approximately six seconds as a bulb check when the ignition is switched on.*

AIR BAG SERVICE INFORMATION

⚠WARNING

Do not attempt to service, repair, replace, modify, or tamper with, any part of the SRS. This includes wiring or components in the vicinity of SRS components. Doing so may cause the system to trigger or render the system inoperative, either of which may result in serious injury or death.

⚠WARNING

Do not use any electrical test equipment or devices in the vicinity of SRS components or wiring. Doing so may cause the system to trigger, or render the system inoperative.

For your safety, all of the following operations should only be carried out by a Dealer, or suitably qualified person:-

- Removal or repair of any wiring or component in the vicinity of any SRS components.

- Installation of electrical, or electronic, equipment and accessories.

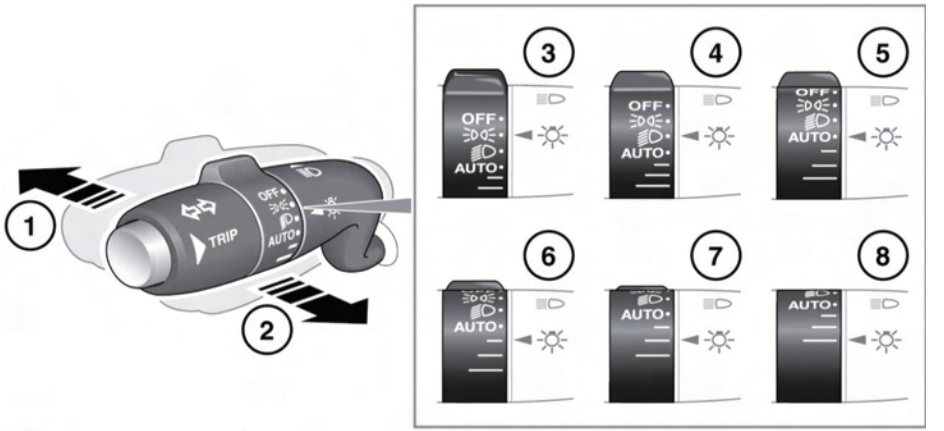
- Modification to the front or sides of the vehicle exterior.

- Attachment of accessories to the front or sides of the vehicle.

Always contact your Dealer/Authorized Repairer if:

- An air bag inflates.
- The front or sides of the vehicle are damaged.
- Any part of the SRS shows signs of cracking or damage, including trim covering air bags.

LIGHTING CONTROL



E132401

1. With the headlamps on, push the switch away from the steering wheel to switch to high beam. The blue warning lamp on the instrument panel will illuminate.

   Note: *Do not use high beam where it may distract other road users.*

2. Pull the switch towards the steering wheel and release to flash the high beam on and off. The high beam will remain on for as long as the switch is held.
3. Sidelights.
4. Low beam.
5. When ambient light fades the side lamps and headlamps will switch on automatically.
6. Exit delay of 30 seconds.
7. Exit delay of 60 seconds.
8. Exit delay of 120 seconds.

Note: *If the rotary control is in the* ***AUTO*** *position there will be no exit delay and the headlamps will extinguish when the ignition system is turned off.*

Press the headlamp button on the Jaguar Smart Key to switch off the headlamps during an exit delay period.

If the rotary control is moved to the ***OFF*** *position, with high beam still activated, both low and high beam will be extinguished. Both low and high beam will illuminate when the headlamps are turned on again.*

DIRECTION INDICATORS

In addition to normal operation, the indicators will operate 3 times (e.g. to indicate a lane change) if the stalk is briefly pushed up or down.

DAYLIGHT RUNNING LAMPS

In some countries, with the rotary control in the **OFF** or **AUTO** position, low beam headlamps, side lamps, tail, licence plate lamps and, where fitted, side marker lamps will switch on automatically with the following conditions:

- The ignition is on.
- The vehicle gear selector out of park.

- The parking brake is not applied (is released) - market dependent.

Daylight running lamps can be enabled/disabled by your Dealer/Authorized Repairer.

APPROACH LAMPS

The headlamps can be illuminated remotely for a programmed length of time, by pressing the headlamp button on the Jaguar Smart key. See **8, UNLOCKING THE VEHICLE**. Press the button again to switch off.

Note: *In some markets, a second press will illuminate the reverse lamps and a third press is required to turn the lamps off.*

ADAPTIVE FRONT LIGHTING SYSTEM (AFS)

Adaptive front lighting is designed to give the driver improved visibility, using a swivelling headlamp unit and a cornering lamp. These lamps broaden the beam of the headlamps when cornering in different circumstances.

The headlamp unit swivels accordingly when cornering, to improve light spread on bends in the road.

Cornering lamps: At speeds up to 25 mph (40 km/h), to provide improved visibility at junctions, the system switches on the lamp if it has received an input from the vehicle's direction indicator. Only the lamp on the same side as the operating indicator illuminates. The lamp will self-cancel after 3 minutes of continuous operation.

WINDSHIELD WIPER DETECTION

This function only operates when auto lamps is selected. The side lamps, tail lamps and headlamps will switch on automatically if the windshield wipers are switched on for 20 seconds or more. Once the windshield wipers are switched off, the side lamps and headlamps will automatically switch off two minutes later.

AUTO HIGH BEAM

This feature automatically selects and deselects high beam, under specific conditions of road lighting and in the absence of other vehicle's lights. The system is only active when the ambient light drops below a predetermined level.

This function is only active if the lighting switch is in the **AUTO** position and the stalk is in the central position.

The system will only activate when vehicle speed exceeds 25 mph (40 km/h). The system will deactivate when vehicle speed drops below 15 mph (24 km/h).

Note: *Auto high beam does not operate when reverse gear is selected.*

To manually select high beam, move the stalk to the high beam position as normal. To return to Auto high beam, move the stalk back to the central position.

To manually override to low beam from high beam, pull the stalk to the flash position and auto high beam will be cancelled. To return to auto high beam, push the stalk to the high beam position, and then return it to the central position.

When auto high beam is enabled, the system indicator will illuminate.

Note: *The following may affect the operation of auto high beam:-*

** Highly reflective road signs.*

** Vehicles with dim headlamps.*

** Adverse weather conditions.*

** Dirty sensor.*

** Dirty, damaged, or misted windshield.*

To turn off auto high beam, turn the rotary control from **AUTO** to headlamps on.

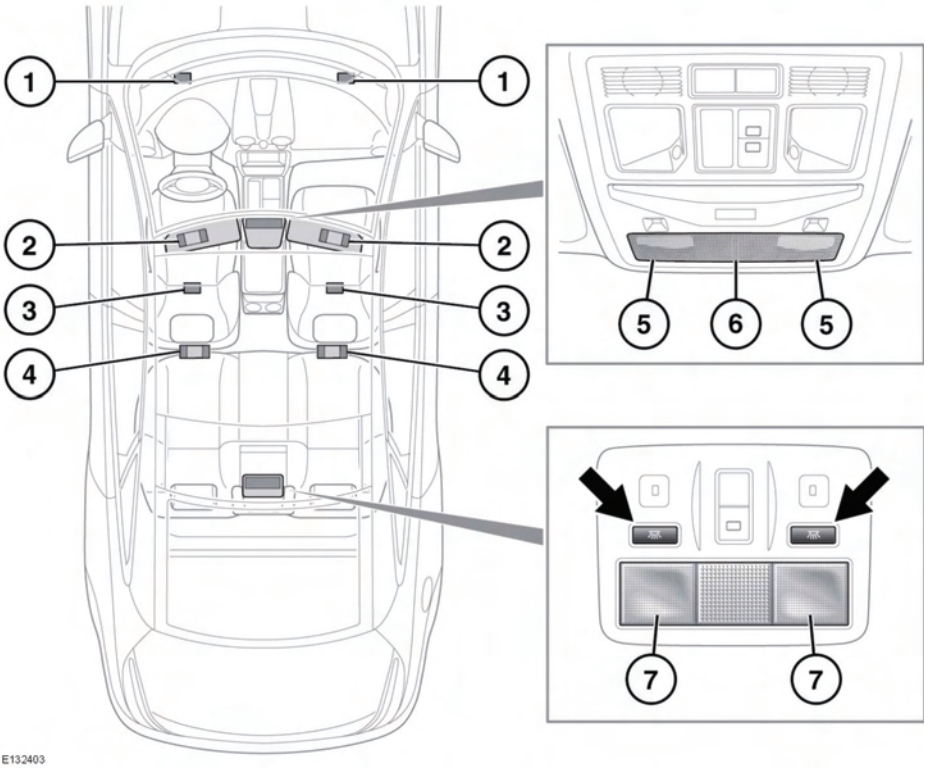
The Auto high beam feature can be disabled/ enabled via the Vehicle set-up area of the instrument panel menu.

Note: *Ensure that the sensor in the rear view mirror is not blocked or obstructed.*

HEADLAMPS - CONDENSATION

In certain circumstances, misting may occur on the inside of a lamp lens. This is caused by natural changes in environmental conditions. This misting is not detrimental to lamp performance and will clear during normal usage.

INTERIOR LIGHTS



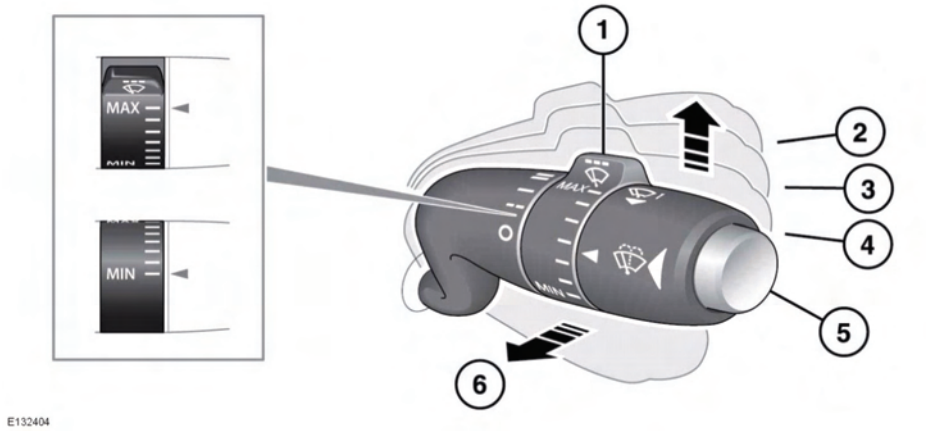
E132403

1. Front seat footwell illumination.
2. Vanity mirror lamps.
3. Rear seat footwell illumination.
4. Rear vanity mirror lamps (long wheelbase vehicles only)
5. Front reading lamps: Touch the lense briefly to switch on/off or for 2 seconds (approx.) to switch automatic illumination of the rear interior lamps on/off.
6. Front interior courtesy lamp: Illuminates when the doors are unlocked and extinguish 20 seconds after all doors are closed or when the vehicle is locked.

   The lamps are operated by proximity sensors. Move your finger close to (or touch) the appropriate lense to switch on or off. Touch the lense for 2 seconds to switch automatic illumination on/off (**Manual mode** or **Auto mode** is displayed in the message center accordingly).
7. Rear interior and reading lamps: Switch on automatically when the doors are opened.

   Press the appropriate switch to activate a lamp manually

WIPER OPERATION



E132404

1. Rotate control to adjust sensitivity.
2. Fast speed wipe.
3. Normal speed wipe.
4. Rain sensor activated wipe.
5. Windshield washer button.
6. Single wipe.

NOTICE
Do not operate the wipers on a dry windshield.

NOTICE
In freezing or very hot conditions, ensure that the wipers have not stuck to the windshield before operating.

NOTICE
Remove any snow, ice or frost from the windshield, around the wiper arms and blades, and the screen scuttle, before operating the wipers.

Note: *If the wiper blades become stuck or jammed, an electronic cut-out may temporarily halt wiper operation. If this happens, switch off the wipers and the ignition. Clear any obstructions and free the wiper blades, before attempting to switch on the ignition.*

SPEED-DEPENDENT MODE

If vehicle speed drops below 1.2 mph (2 km/h) with the wipers operating, the wiper frequency automatically reduces. The wipers will switch to the next lowest speed. When vehicle speed increases to over 5 mph (8 km/h), the original wiper speed settings are restored.

RAIN SENSOR

NOTICE
Ensure that the wipers are switched off before entering a car wash. If the rain sensitive wipers operate during the car washing process damage may occur to the wiper mechanism.

The rain sensor is able to detect the presence and amount of rain, dirt or snow on the windshield and automatically activates the windshield wipers accordingly. Static droplets may not be detected on initial start-up, use a single wipe to clear the screen.

To activate the rain sensitive wipers, move the wiper stalk to the rain sensor position and adjust the rain sensor sensitivity control as required. When rain sensitive wipers are activated and when sensitivity is increased, a single wipe will operate.

WINDSHIELD WASHERS

⚠WARNING

Some windshield wash products are flammable; do not allow windshield wash to come into contact with sources of ignition.

NOTICE

Only windshield wash products which are approved for automotive use should be used, and then only in accordance with the manufacturer's instructions.

To operate the wash/wipe press and release the button on the end of the wiper stalk. The wipers will perform five normal speed wipes, followed by a drip wipe (if configured). The washers will operate during the first two wipes.

If the washers are operated with the wipers operating at normal or fast speed, the washer jets will operate for two wipes and operation of the wipers will not be affected.

Note: *If the button is pressed and held, the wipers and washers will operate at normal speed until the button is released (or for a maximum of 10 seconds).*

After the button is released, the wipers will operate for a further three wipes, followed by a drip wipe (if configured).

TIMED JET FUNCTION

If the timed jet function is configured, the washer jets will only operate on the up stroke of the wipers.

This function can be enabled/disabled by your Dealer/Authorized Repairer.

DRIP WIPE

If the drip wipe function is configured, the wipers will operate four seconds after a wash/wipe cycle has finished, to clear any remaining drips from the windshield.

This function can be enabled/disabled by your Dealer/Authorized Repairer.

HEADLAMP WASHERS

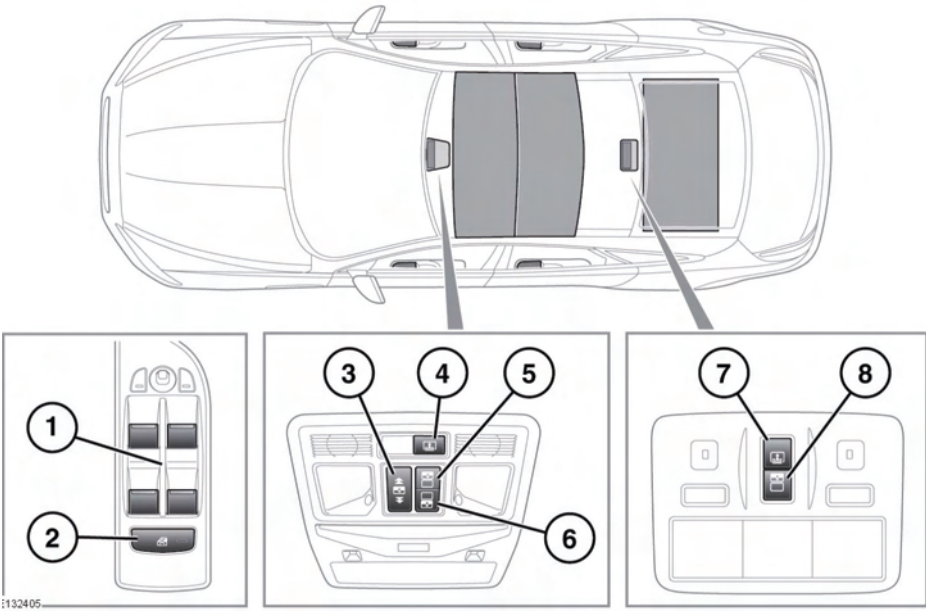
Headlamp power wash operates automatically with the windshield wash, and will only operate if the headlamps are switched on and there is sufficient washer fluid in the reservoir.

Headlamp wash operates with every fourth operation of the windshield washers, provided that ten minutes have elapsed since the last operation of the headlamp washers.

Note: *The power wash sequence is reset when the headlamps or the ignition are turned off.*

Note: *Headlamp power wash is inhibited when the low washer fluid warning is on.*

ELECTRIC WINDOWS



1. Window switches.

The front and rear windows will operate for five minutes after the engine is switched off, as long as none of the doors are opened.

NOTICE

Any ice must be removed from the windows prior to operation.

2. Rear window/rear sunroof blind isolator.

⚠WARNING

If children are carried in the rear seats, the isolator switch should be used to prevent operation of the windows. If the windows are operated by children, there is a risk of serious injury or death.

3. Sunroof: Press once to tilt the roof. Once tilted, press again to open the roof.

Press to close the roof from tilt. From the fully open position, press once to close to the tilt position, then press again to close fully.

Roof movement can be halted at any time by pressing the button again.

Note: *The front roof blind will open when the roof is tilted or when the roof is fully opened.*

NOTICE

The roof blinds are electrically operated. Do not try to operate them manually.

If the sunroof encounters resistance when closing it will stop, and then open fully. This is to prevent serious injury or damage to the mechanism.

4. Rear glass sun blind.

5. Rear sunroof blind. One push of the button will fully open or close the blind. Opening or closing cannot be halted part way.
6. Front sunroof blind. One push of the button will fully open or close the blind. Opening or closing cannot be halted part way.
7. Rear glass blind.
8. Rear sunroof blind. One push of the button will fully open or close the blind. Opening or closing cannot be halted part way.

ONE-TOUCH WINDOW OPERATION

The front windows have one-touch open operation. Briefly press the switch down fully and release, the window will lower until fully open.

The rear windows open in 2 stages:

- Briefly press the switch down fully and release; the window will open 2.5 - 3 inches (65 - 75 mm) to the comfort stop position.

  Note: *This position reduces resonance (booming sound) that can occur when driving with a front window open. Open the rear window on the same side of the vehicle as the open front window, to reduce resonance.*
- Briefly press the switch down fully and release a second time, to fully open the window.

The front and rear windows also have one-touch close operation. Briefly pull the switch up fully and release, the window will rise until fully closed.

Pressing or pulling the switch again will stop a window in one-touch operation.

WINDOW ANTI-TRAP PROTECTION

⚠WARNING

WARNING: Before closing a window, ensure that no occupants have any part of their body in a position where it could be trapped. Even with an anti-trap system, death or serious injury could occur.

Anti-trap protection is designed to stop window movement if an obstruction or resistance is detected. Check the window and its aperture and remove any obstructions. The override procedure is as follows:

1. Attempt to close the window. Anti-trap will prevent closure and lower the window.
2. Within ten seconds, attempt to raise the window again. Anti-trap will prevent closure and lower the window.
3. Attempt to close the window for a third time, this time holding the switch in the close position. The window will raise while the switch is held. Hold until closed.

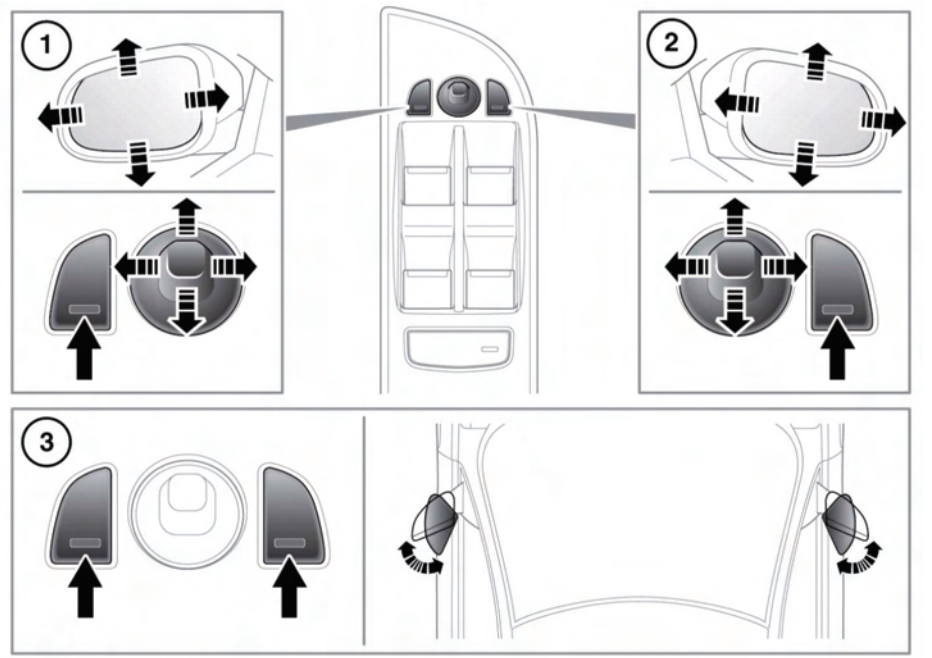
Note: *If this procedure fails to remove the blockage, or if the windows do not operate correctly, the window operation may need to be reset. See* ***156, WINDOW RESET****.*

SUNROOF ANTI-TRAP MECHANISM

The anti-trap mechanism can be overridden to allow the roof to be closed when movement is restricted by dirt. To override the anti-trap mechanism, press and hold the front of the switch until the roof reaches the closed position.

If the sunroof fails to operate correctly, it may need to be reset. See **156, SUNROOF RESET**.

EXTERIOR MIRRORS



E132474

1. Left mirror adjustment.
2. Right mirror adjustment.
3. Powerfold/unfold: Press both buttons simultaneously. This feature is inhibited at speeds over 70 mph (110 km/h).

The mirrors can be adjusted and folded when the ignition is on and for up to 5 minutes after the ignition is switched off, provided the driver's door is not opened.

Press the appropriate button to select the mirror to be adjusted (button indicator illuminates) then use the joystick control to adjust the mirror glass.

Note: *Depending on the type of lens used, distances may be difficult to judge accurately when only using the mirrors.*

If the mirrors are accidentally knocked out of position (i.e. so only one is folded), press both buttons simultaneously to resynchronize.

Note: *If the mirrors were folded using the switches, they will not unfold when the vehicle is unlocked.*

Note: *Up to 3 different exterior mirror positions can be stored and recalled using the driving position memory feature. See* ***17, DRIVING POSITION MEMORY****.*

MIRROR DIP WHEN REVERSING

The mirrors can be configured so that when reverse gear is selected, the passenger door mirror is automatically adjusted to provide an improved viewing angle for reversing.

The exact dipped position can be adjusted using the joystick control, when the mirror is dipped. The next time reverse is selected, the newly adjusted position will be selected.

When the gear selector is moved out of reverse, or if vehicle speed exceeds 7.5 mph (12 km/h) while reversing, the mirror will return to its previous position.

Mirror dip can be selected or deselected from the instrument panel menu. Select **Features** from the **Vehicle Settings** menu, then select the desired option from the list. See **61, INTERACTIVE CONTROLS**.

BLIND SPOT MONITOR

⚠WARNING

The Blind Spot Monitor (BSM) system is a supplement to, not a replacement for, a safe driving style and use of the exterior and rear-view mirrors. The system may not function under all speeds, weather and road conditions.

Please note that BSM may not be able to give adequate warning of vehicles approaching very quickly from behind or vehicles that are being overtaken rapidly.

BSM may not be able to detect all vehicles and may also detect objects, such as roadside barriers, etc. Drive safely at all times and use the exterior and rear view mirrors to avoid accidents.

The radar sensors may be impaired by rain, snow or road spray. This may affect the system's ability to reliably detect a vehicle/object within the blind spot.

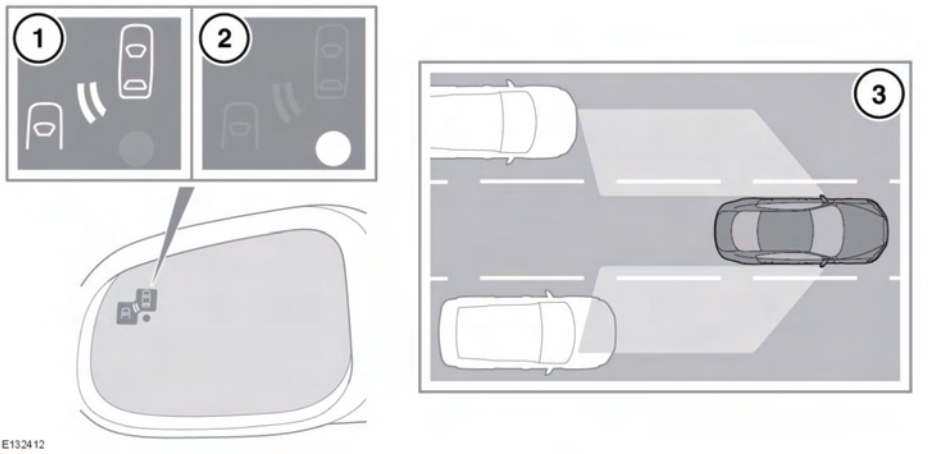
⚠WARNING

The driver should not assume that the BSM will correct errors of judgement in driving.

NOTICE

Do not attach stickers or objects to the rear bumpers, that may interfere with the radar sensors.

Note: *Ensure that the warning indicators in the exterior mirrors are not obscured by stickers or other objects.*



The Blind Spot Monitor (BSM) system monitors a zone that covers the area adjacent to the vehicle, that is not easily visible by the driver and is designed to identify any object overtaking the vehicle (**3**).

The system uses a radar on each side of the vehicle to identify any overtaking vehicle/object within the blind spot area of the vehicle, while disregarding other objects which may be stationary or travelling in the opposite direction, etc.

If an object is identified by the system as being an overtaking vehicle/object, an **amber** warning icon (**1**) illuminates in the relevant exterior mirror, to alert the driver that there is a potential hazard in the vehicle's blind spot and therefore, that a lane change might be dangerous.

The radar monitors the area extending from the exterior mirror rearwards, to approximately 20 feet (6 metres) behind the rear wheels, and up to 8.2 feet (2.5 metres) from the side of the vehicle (the width of a typical highway lane).

Note: *The system covers an area of a fixed lane width. If the lanes are narrower than a typical highway lane, objects travelling in non-adjacent lanes may be detected.*

BSM automatically switches on and becomes active when the vehicle is travelling at more than 10 mph (16 km/h) in a forward gear. When the system initiates, it performs a self-check, during which the warning icons in the mirrors illuminate alternately for a short period of time.

The indicator dot (**2**) remains illuminated until forward vehicle speed exceeds 10 mph (16 km/h).

BSM can be turned off in the **Vehicle Settings** area of the instrument panel menu. See **61, INTERACTIVE CONTROLS**.

BSM is designed to work most effectively when driving on multi-lane highways.

Note: *If an overtaking vehicle is detected on both sides of the vehicle simultaneously, the warning icons in both mirrors will illuminate.*

Note: *BSM is automatically turned off when reverse (**R**) gear is selected, when the vehicle is in park (**P**), the vehicle is travelling below 10 mph (16 km/h). Under these conditions, an amber warning indicator within the exterior mirror is displayed.*

SENSOR BLOCKAGE

The BSM system will automatically disable if either of the sensors become completely obscured, an amber warning indicator dot (**2**) is displayed in the exterior mirror and the message **BSM sensor blocked** appears in the message center.

Note: *Blockage testing is only initiated when vehicle speed is above 20 mph (32 km/h) and will take at least two minutes of accumulated time travelling above this speed, to determine that the sensor is blocked.*

If the sensors become blocked, then please check that there is nothing obscuring the rear bumper and that it is clear from ice, frost and dirt.

BSM SYSTEM FAULT

If a fault with one of the radar sensors is detected, an amber warning indicator dot is displayed in the exterior mirror and the message **BSM not available** is displayed in the message center.

Note: *Even if the detected fault only affects the radar sensor on one side of the vehicle, the whole system is disabled. If the fault is temporary, the system will operate correctly once the engine has been switched off and then on again.*

If a fault in the system occurs, consult your Dealer/Authorized Repairer.

RADIO FREQUENCY SPECTRUM REGULATION STATEMENTS

United States of America

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Note: *The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.*

Canada

This device complies with Industry Canada Standard RSS-210. Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Frequency of operation: 24.05GHz - 24.25GHz.

Field strength: Not greater than 2.5V/m peak (0.25V/m average) at a distance of 3 metres.

GARAGE DOOR TRANSCEIVER

⚠CAUTION

Do not use the transceiver with any garage door opener that lacks the safety stop and reverse feature as required by safety standards.

⚠CAUTION

When programming the transceiver to a garage door opener or entry gate, ensure the area is clear. This will prevent potential personal injury or vehicle damage as the gate or garage door will activate during the programming.

NOTICE

This device may suffer from interference if operated in the vicinity of a mobile or fixed station transmitter. This interference is likely to affect the hand-held transmitter as well as the in-car transceiver.

The door transceiver is located in the rear-view mirror. It can be programmed to transmit the radio frequencies of up to three different transmitters, which can be used to activate garage doors, entry gates, home lighting, security systems or other radio frequency operated devices.

Although this section mainly describes the procedures for a garage door opener, it also equally applies to the previously mentioned applications.

In some countries, this feature is also known as the HomeLink® Universal Transceiver. The transceiver radio frequency approval numbers for the USA, Canada and Mexico are shown below:

USA and Puerto Rico - FCC: K8597R315.

Canada - CAN: 2145 101 790A.

Mexico - CFT/D04/AGIT/DGIH/HOM/6068/01 and 7335/01.

For further information, see **55, INFORMATION AND ASSISTANCE**.

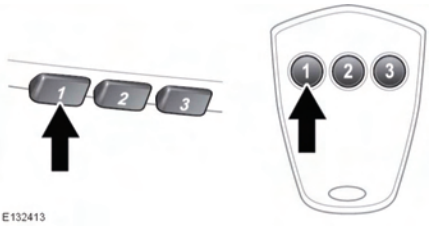
BEFORE PROGRAMMING

NOTICE

When programming a device that may require you to press and re-press the hand-held transmitter (cycle), unplug the device during the cycling process to prevent possible motor failure.

For best results, fit a new battery to the hand-held transmitter of the garage door opener (or other device) before programming. If your garage door opener receiver (located in the garage) is equipped with an antenna, ensure that the antenna is hanging straight down.

PROGRAMMING



Ensuring that the engine is switched off:

1. Ensure that the ignition system is on.
2. Hold the end of the original garage door opener hand-held transmitter 2 to 6 inches (50 to 150 mm) away from the transceiver in the rear-view mirror, keeping the indicator lamp in view.

3. Using both hands, simultaneously press and hold both the chosen transceiver button on the rear-view mirror, as shown above, and the **hand-held transmitter button**. Keep both buttons pressed. The indicator lamp will flash slowly at first and then change to a fast flash. When the indicator lamp flashes rapidly, release both buttons. The rapid flashing lamp indicates successful programming.
4. If, after 60 seconds, the indicator lamp does not flash rapidly, release both the transceiver and the hand-held transmitter buttons and repeat the procedure starting with Step **2**. Position the hand-held transmitter at a different angle and/or distance.
5. Press and hold the programmed garage door opener button and observe the indicator lamp.
   - If the indicator is continuous, programming is complete and your device should activate when the garage door opener button is pressed and held for approximately 1 to 2 seconds and then released.
   - If the indicator lamp blinks rapidly for two seconds and then turns a continuous light, proceed with the following programming instructions for **rolling code** device equipment.

TO ERASE ALL PROGRAMMING

For first time programming, ensure that the engine is switched off:

1. Ensure that the ignition system is in **convenience mode** (see **11, CONVENIENCE MODE**).
2. Press and hold the two outer buttons on the transceiver in the rear-view mirror. Keep the buttons pressed until the indicator lamp begins to flash (this will take approximately 20 seconds), then release the buttons.

All memories in the garage door opener have now been cleared.

Note: *Do not perform this procedure when programming the additional garage door opener buttons.*

ROLLING CODE DEVICE EQUIPMENT PROGRAMMING

Note: *The assistance of a second person may make the following steps quicker and easier. Once the button has been pressed there are only 30 seconds in which to complete Step **3**.*

1. At the garage door opener receiver (motor head unit) in the garage, locate the learn or smart button/switch.
   - The name of the button or switch may vary between manufacturers.
2. Press and release the learn or smart button.
3. Return to the vehicle and firmly press and hold the programmed garage door opener button for two seconds and release.
4. Repeat the press, hold, release sequence three times to complete the programming process.

The garage door opener in the rear-view mirror should now activate the **rolling code** device.

REPROGRAMMING A SINGLE GARAGE DOOR OPENER BUTTON

To program a device to a previously trained button:

1. Press and hold the desired pre-programmed garage door opener button for at least 20 seconds, but no longer than 30 seconds, until the indicator lamp begins to flash.
2. Without releasing the rear-view mirror button, position the hand-held transmitter approximately 2 to 6 inches (50 to 150 mm) away from the transceiver in the rear-view mirror, keeping the indicator lamp in view.
3. Carry out Step **3** of **Programming**.

ENTRY GATE/CANADIAN PROGRAMMING

The technology of some entry gates requires you to press and re-press (cycle) the hand-held transmitter button every two seconds during programming.

Continue to press and hold the desired rear-view mirror button while you cycle your hand-held transmitter until the indicator lamp flashes rapidly.

INFORMATION AND ASSISTANCE

NOTICE

For security purposes, it is recommended that all programmed transceiver buttons are erased before the vehicle is sold or disposed of.

For information on the range of available compatible products or accessories, or for assistance, you should contact your Dealer/Authorized Repairer.

If you would like additional information on the Homelink Universal Transceiver, compatible products or to purchase other accessories, contact your Dealer/Authorized Repairer or you can also contact the Homelink helpline on 1-800-355-3515 or on the at **www.homelink.jci.com**.

Note: *Keep the original transmitter for future use or programming procedures if, for example, you purchase a new vehicle.*

Note: *The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.*

WARNING LAMPS AND INDICATORS

RED warning lamps are for primary warnings. A primary warning must be investigated immediately by the driver or seek qualified assistance as soon as possible.

AMBER warning lamps are for secondary warnings. Some indicate that a vehicle system is in operation, others indicate that the driver must take action and then seek qualified assistance as soon as possible

Other warning lamps within the instrument panel indicate system status, such as blue for high beam and green for direction indicators, when in operation.

LAMP CHECK

A warning lamp bulb check is initiated when the ignition system is switched on and lasts for 3 seconds (except for the air bag warning lamp which will remain on for 6 seconds). If any warning lamp remains on after this period, investigate the cause before driving.

Some warning lamps have associated messages displayed on the message center.

Note: *Not all warning lamps are included in the check.*

CRITICAL WARNING MESSAGE (RED)

Illuminates when a critical warning message is available in the message center.

GENERAL WARNING/INFORMATION MESSAGE (AMBER)

Illuminates when a non-critical warning message or an information message is available in the message center.

BRAKE (RED)

USA

Canada and Mexico

Illuminates when the brake fluid is low. The warning lamp will also illuminate when there is a fault with the Electronic Brakeforce Distribution (EBD) system.

If the lamp is illuminated and the message **Brake Fluid Low** is displayed on the message center, loss of braking in one or both brake circuits may be imminent. Stop the vehicle gently and check and top-up the brake fluid reservoir, if necessary, with the recommended fluid. If the warning message remains, do not drive the vehicle until the brake fault is rectified. Seek qualified assistance before continuing.

⚠WARNING

Do not drive if the message Brake Fluid Low is displayed. Check the brake fluid level and top-up as necessary. If necessary, seek qualified assistance before continuing.

Driving with low brake fluid can cause increased braking distance or brake failure and can result in a collision.

If the indicator is illuminated and the message **EBD Fault** is displayed in the message center, a fault with the EBD system is indicated. The vehicle can still be driven and the braking system will still function but without EBD assistance.

Have the fault rectified by your Dealer/Authorized Repairer.

PARKING BRAKE (RED)

USA

Canada and Mexico

Illuminates when the parking brake is applied. If the lamp illuminates and **Caution! Park Brake Applied** is displayed, the vehicle is moving with the parking brake applied. Release the parking brake or stop the vehicle.

If the lamp flashes, there is a fault and the parking brake cannot be applied. Seek qualified assistance.

SEAT BELT (RED)

The warning lamp stays illuminated when the ignition is on and:

- The driver's seat belt is not fastened.
- or a passenger is sitting in the front seat and their seat belt is not fastened.

The lamp should extinguish when the relevant seat belt is fastened.

BELTMINDER (RED)

The beltminder feature, which uses the same warning lamp as the seat belt warning, provides reminders to the driver that the driver's and/or front passenger's seat belt is unbuckled.

If the vehicle is moving at or above 10 mph (16 km/h) and the seat belt of an occupied seat is not fastened, the warning lamp will flash.

The flashing will last for 10 seconds and then repeat every 10 seconds for approximately 5 minutes or until the belt(s) is fastened or the vehicle stops.

The lamp will also flash (and a chime will sound) if a rear seat belt becomes unbuckled while the vehicle is moving.

If the warning lamp stays illuminated with the seat belt(s) fastened, seek qualified assistance as soon as possible. The vehicle can still be driven with the lamp illuminated, provided that the seat belt(s) is properly fastened.

Ensure that all occupants fasten their seat belt before driving.

Note: *If a heavy object is placed on the front passenger seat, it may activate the Beltminder feature. It is recommended that the object be placed in the luggage compartment.*

Note: *Although not advisable, it is possible to disable the Beltminder function. Contact your Dealer/Authorized Repairer to disable or reinstate the function.*

ANTI-LOCK BRAKING SYSTEM (ABS) (AMBER)

⚠WARNING

If the ABS and brake warning lamps are illuminated at the same time, do not drive the vehicle until the fault is rectified as the brake system may not be functioning correctly. This may, in turn, lead to loss of control causing an accident. Seek qualified assistance immediately.

USA

Canada and Mexico

Illuminates if a fault has been detected in the ABS (accompanied by a warning message in the message center).

The brake system will continue to function, but without ABS assistance.

If the warning lamp illuminates or stays illuminated after the bulb check cycle, seek qualified assistance as soon as possible.

ADAPTIVE FRONT LIGHTING SYSTEM (AMBER)

Illuminates when there is a system fault. The headlamps will still operate, but without this feature operating correctly. Seek qualified assistance as soon as possible.

ENGINE MALFUNCTION (AMBER)

Illuminates when the ignition is on and remains illuminated until the engine is started.

If the lamp illuminates when the engine is running, there is an engine malfunction.

Specialized diagnostic equipment is required to repair such faults. Seek qualified assistance as soon as possible.

The vehicle can still be driven but may activate limp-home mode, with the possibility of reduced engine performance.

DYNAMIC STABILITY CONTROL (DSC) (AMBER)

Flashes when DSC is active.

If there is a fault, this warning lamp will illuminate in the instrument panel and the message center will display **DSC Not Available**.

The vehicle can still be driven, but the DSC system will not activate under wheel spin or slide conditions. You should seek qualified assistance as soon as possible.

If Trac DSC is selected, the warning lamp will also illuminate and the message **Trac DSC** is displayed for 4 seconds.

DYNAMIC STABILITY CONTROL (DSC) OFF (AMBER)

Illuminates when DSC is switched off. A chime will also sound and the message DSC OFF is displayed in the message center.

REAR FOG LAMPS (AMBER)

Illuminates when the rear fog lamps are switched on.

ADAPTIVE CRUISE CONTROL (AMBER)

Illuminates when adaptive cruise control is active, to indicate that the vehicle is in follow mode.

AIR BAG (AMBER)

Illuminates if air bag system develops a fault. Seek qualified assistance as soon as possible.

AUTOMATIC SPEED LIMITER (AMBER)

Illuminates when Automatic Speed Limiter is active.

TIRE PRESSURE MONITORING SYSTEM (YELLOW)

Illuminates when one or more tires are significantly under-inflated. The vehicle should be stopped as soon as safely possible and the tires checked and inflated to the recommended pressure.

HIGH BEAMS (BLUE)

Illuminates when the high beam headlamps are switched on or flashed.

AUTO HIGH BEAM (GREEN)

Illuminates when the high beam headlamps are switched on or flashed.

FORWARD ALERT (GREEN)

Illuminates when Forward alert is active

SIDE LIGHTS (GREEN)

Illuminates when the side (parking) lamps are switched on.

DIRECTION INDICATORS (GREEN)

The appropriate warning lamp will flash when the column stalk is moved up or down to signal a turn. If a direction indicator bulb fails, the audible ticking and warning lamp will sound and flash at twice the normal rate, when that direction indicator is selected.

AUDIBLE WARNINGS AND INDICATORS

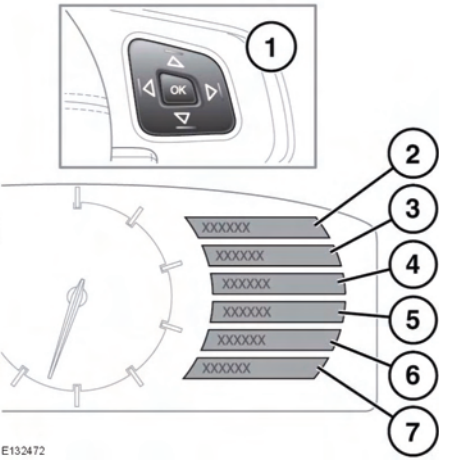
Hazard or Condition	Chime or tone/remedy
External lamps remain on when the driver's door is opened.	A chime will sound until the lamps are switched off or driver's door is closed (unless the lighting control is in **AUTO** position).
Hazard warning indicators on.	A ticking will sound until the hazard indicators are switched off.
Direction indicators on.	A ticking will sound until the indicators are switched off.
Memory 1 (2 or 3) settings saved.	A short tone as the memory selection is saved.
Seat belt reminder.	A chime will sound if a seat belt is unbuckled while the vehicle is moving. The warning will cease if the occupied seat's belt is re-buckled, the ignition is turned off or more than 3 minutes has elapsed.
Electric parking brake (EPB).	If the EPB is applied while the vehicle is moving, a continuous chime will sound; release the EPB. If there is a fault with the system which would prevent the application of the EPB, a brief sequence of chimes is initiated.
Adaptive Cruise Control (ACC) driver intervene.	Multiple chime. Apply the brakes.
ACC low speed automatic switch off.	A chime will sound to indicate that the ACC system is no longer operating.
Speed is over 9 mph (15 km/h) above the ASL set limit speed.	A short warning chime. Reduce speed.
Entry delay warning (European markets only).	Intermittent slow, low pitched chime. Disarm vehicle.
The Smart Key cannot be detected.	A chime will sound. Hold the Smart Key close to the auxiliary switch pack. See **8, UNLOCKING THE VEHICLE**.
DSC OFF	A chime will sound.

INTERACTIVE CONTROLS

⚠WARNING

Do not allow any vehicle system, including the interactive controls, to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

The virtual instrument panel menus are navigated and items are selected, using the joypad control on the steering wheel.



Note: *Items 2 - 7, as listed below, are the choices available in the main menu.*

1. Joypad control: Press any of the controls to activate the menu, then use as follows:
   - Press the up/down arrow to scroll up or down through a list (the button highlight will move accordingly).
   - Press the right arrow to view a sublist.
   - Press the left arrow to return to the previous menu.
   - Press the **OK** button to select the highlighted item from a list.

   Note: *If the menu is activated and then the joypad control is not used for 10 seconds, the menu will time-out and will be cancelled. Once the joypad has been used, the time-out period extends to 30 seconds.*
2. Select to close the menu.
3. Select to view any current warning messages.
4. Select to access the Vehicle settings menu.
5. Select to access the Trip computer menu.
6. Select to access the Display settings menu.
7. Select to access the Service menu - only available with the ignition on and the engine not running.

Use the joypad to navigate through subsequent menus and to select or change settings as required.

WARNING AND INFORMATION MESSAGES

⚠WARNING

Do not ignore warning messages. Take appropriate action and, when necessary, seek qualified assistance before driving the vehicle. Failure to do so could result in failure of vehicle systems potentially causing loss of control and an accident.

If more than one message is active, each is displayed in turn for 2 seconds in order of priority.

Note: *The message center messages and their meanings are detailed, where necessary, within the appropriate subject sections.*

TRIP COMPUTER

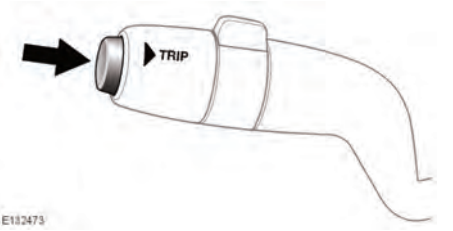
The computer memory stores data for a journey or series of journeys until it is reset to zero.

The displayed information is for guidance only, as it can be affected by traffic, road and weather conditions.

Three independent memories are available, A, B and Auto. A and B memories can be set independently, while the Auto trip will reset after every ignition cycle as the vehicle moves.

Trip computer information is displayed on the instrument panel.

USING THE TRIP COMPUTER



Press the **TRIP** button on the end of the left column stalk repeatedly to display the trip data in the following order:

- Odometer.
- Trip distance.
- Average speed.
- Average fuel consumption.
- Instantaneous fuel economy.
- Range.
- Blank.

To reset the displayed trip data, press and hold the **TRIP** button.

TRIP DISTANCE

Distance travelled since the last memory reset. The maximum trip reading is 9 999.9 (kilometers or miles). The computer will automatically reset to zero if this distance is exceeded.

RANGE

This shows the predicted distance, miles or kilometers, that the vehicle should travel on the remaining fuel, assuming average fuel economy and fuel consumption stay constant.

IMPERIAL/METRIC/MIXED DISPLAY

The display of imperial, mixed or metric units is selected via the instrument panel menu.

SERVICE INTERVAL INDICATOR

The service interval message will only be displayed when the vehicle has less than 2000 miles (3200 km) before the service is due.

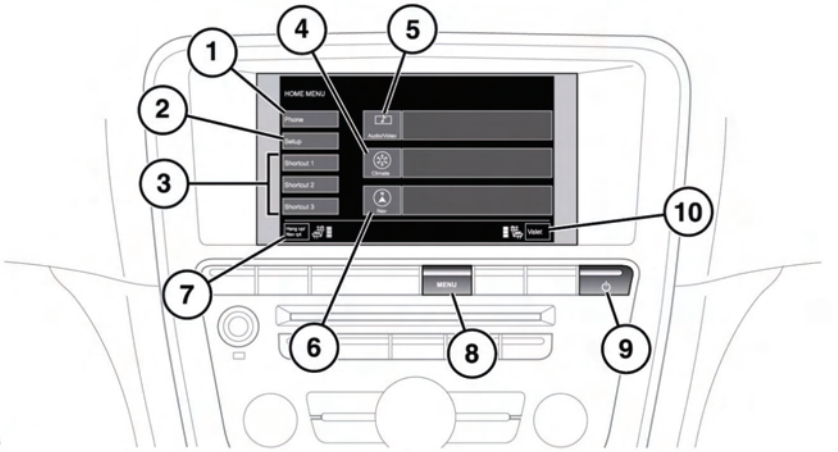
When the ignition is switched on, and the vehicle has started its service countdown, **SERVICE REQ'D XXXX MLS (XXXX km)** is displayed in the message center.

When the service distance has been reached, **SERVICE REQUIRED** is displayed in the message center.

NOTICE

If no service interval indicator is displayed during the vehicle service cycle, make sure that your vehicle is serviced in accordance with the intervals, as stated in the Passport To Service (USA) or the Service Porfolio (Canada and Mexico).

TOUCH SCREEN HOME MENU



⚠WARNING

Do not adjust the touch screen controls, or allow the system to distract the driver, while the vehicle is moving. Driver distraction can lead to accidents, causing serious injury or death.

1. Touch to view the **Phone** menu.
2. Touch to view the touch screen **Setup** menu.
3. Home menu presets: 3 items can be selected as presets on the home menu. See **65, TOUCH SCREEN SETUP**.
4. Touch to select the **Climate** menu. Internal front left and right temperature settings and external temperature are shown alongside the soft key.
5. Touch to select the **Audio/Video** menu. An overview of current audio/video information is shown alongside the soft key.
6. Touch to select the **Navigation** menu. Current set destination is shown alongside the soft key.
7. Touch to end a call when using the phone, or to repeat the last given navigation instruction.
8. Press to return the touch screen to the **Home** menu.
9. Press to turn the touch screen on or off or turn on the screen saver.
10. Touch to select **Valet** mode.

    Note: *To enter/exit Valet mode, the correct PIN will need to be entered. See* ***66, SELECTING VALET MODE****.*

When an alternative menu is selected, short cut soft keys to the **Audio/Video**, **Climate**, **Phone** and **Nav** (navigation) menus appear along the bottom of the touch screen.

TOUCH SCREEN USE

NOTICE

Always run the engine during prolonged use of the touch screen.

The buttons on the center console, below the touch screen display, are referred to as **hard buttons** and should be pressed firmly. The touch screen buttons are referred to as **soft keys** and only require short, light pressure to function. Do not use excessive pressure.

TOUCH SCREEN DISPLAY ICONS

Touch screen display icons are as follows (they may not all be displayed at the same time):

Audio/Video: Touch to select the Audio/Video menu.

Climate: Touch to select the Climate control menu.

Navigation: Touch to select the Navigation menu.

Back soft key: Touch to return to the previous screen displayed.

Shows the current status of the relevant heated/ventilated seat.

TOUCH SCREEN CARE

NOTICE

Do not use abrasive cleaners on the touch screen. For approved cleaning products, contact your Dealer/Authorized Repairer.

TOUCH SCREEN SETUP

- Select **Setup** from the Home menu.

Touch screen setup is split into categories: **Screen**, **System** and **Vehicle**, as detailed below.

SCREEN SETTINGS

- **Brightness/Contrast**: Select to adjust the touch screen brightness and contrast levels and to turn auto-dimming (for night driving) on or off.
- **Screensaver**: Select to change the screensaver. Touch an option to select.
- **Screen animations**: Select to turn animated transitions between screens on or off.
- **Time out to home menu**: Select to set the length of time before an unused screen reverts to the Home menu, or to turn this feature on or off.

SYSTEM SETTINGS

- **Button feedback**: Select to turn the soft key use confirmation tone on or off.
- **Clock adjust**: Select to change the clock between 12 and 24 hour display. Use the arrow soft keys to alter the time.

  Select **Date** to change the date, or to alter the date format (dd/mm or mm/dd).

  Select **Set**, to store any changed settings.
- **Home menu shortcuts**: Select to choose the 3 items from the displayed list, that you wish to appear on the Home menu as shortcuts.

  Touch an item from the list to select, select **Clear all** to deselect all items.
- **Language**: Select to change the vehicle Voice between **Male** and **Female** or to change the system language. Touch **Change** and select the desired language from the displayed list. Follow the on-screen instructions to confirm.
- **Volume presets**: Select to alter the volume for the various audible systems (traffic and news announcements, parking aid, phone etc.).

VEHICLE SETTINGS

- **Ambience lighting**: Select to adjust the lighting level. Adjusting to the minimum level, turns ambience lighting off.
- **Valet mode**: Select to turn Valet mode on or off.

  Note: *To enter/exit Valet mode, the correct PIN will need to be entered. See* ***66, SELECTING VALET MODE***

SELECTING VALET MODE

Valet mode allows the vehicle to be unlocked by a parking attendant, without giving access to the luggage compartment and glove box. Valet mode also prevents operation of the touch screen, to prevent access to telephone numbers or navigation addresses.

From the **Home** menu, select **Valet**:

Enter a 4 digit Personal Identification Number (PIN) (personally chosen). On completion, touch the **OK** soft key.

If you wish to cancel the PIN, select **C**.

If the PIN is cancelled, or incorrectly entered, you will be prompted to enter the PIN again.

Valet mode activated is displayed to indicate that the PIN has been accepted.

The luggage compartment and glove box are now securely locked in Valet mode and the Valet mode On screen is displayed.

On exiting and securing the vehicle, hand the Jaguar Smart Key to the attendant.

DESELECTING VALET MODE

When you enter the vehicle, the **Valet mode** screen will be displayed automatically.

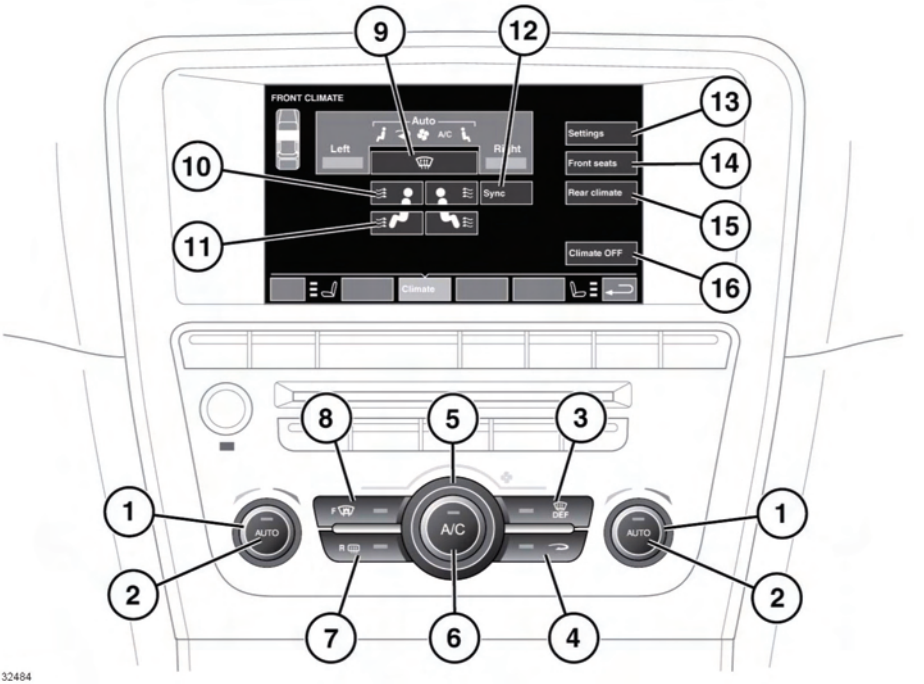
Enter your 4 digit PIN and touch the **OK** button.

Valet mode deactivated is displayed to indicate that your PIN has been accepted.

- The luggage compartment will return to the previously set security requirement.
- The glove box will now open as normal.
- The touch screen will be enabled.

Note: *If the PIN is forgotten, Valet mode can only be deactivated by your Dealer/Authorized Repairer.*

FRONT CLIMATE CONTROL



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To access the front climate menu on the touch screen, select **Climate** from the home menu.

1. Temperature control: Rotate to adjust temperature (59°F - 83°F [16°C - 28°C]). The temperature is displayed on the touch screen (**HI** or **LO** is displayed when the maximum or minimum setting is selected).
2. AUTO control: Press to switch automatic operation on/off. This will also turn on the heating and ventilation system if it has been turned off.
3. Defrost: Press to remove frost or heavy misting from the windshield. This setting activates the blowers, air-conditioning, windshield and rear glass heaters and prohibits recirculation, to achieve a rapid defrost.
4. Recirculation: Press briefly to select timed recirculation. Press and hold to select continuous recirculation. Press again to switch off.
5. Blower speed: Rotate to adjust blower speed.

   Blower speed is automatically set in Auto mode. Adjusting the blower speed will cancel Auto mode.

   With blower speed at minimum, rotate the control counter-clockwise to switch the climate system off.
6. Air conditioning: Press to switch on/off. The air conditioning system can be switched on/off independently of the other climate control functions.

7. Rear glass heater: Press to switch on/off.
8. Windshield heater: Press to switch on/off.
9. Air distribution to windshield: Touch to turn on/off.
10. Air distribution to face: Touch to turn on/off.
11. Air distribution to feet: Touch to turn on/off.
12. Sync climate: Select to change all front and rear passenger climate settings to match that of the driver's. Select again or change a passenger's settings to cancel.
13. Settings: Select to alter the sensitivity of the air quality sensor, or to select °F or °C as the default temperature unit.
14. Front seats: Select to adjust the front seat temperature, ventilation and massage settings.
15. Rear climate: Select to view the rear climate control menu. Select the Back button to return to the front climate menu.
16. Climate off: Select to switch off the climate control systems. Select again to turn on.
17. Shows the current status of the left hand side heated/ventilated seat.

    Also press to access the menu for seat climate control and massage seat.
18. Shows the current status of the right hand side heated/ventilated seat.

    Also press to access the menu for seat climate control and massage seat.

In addition to the selectable controls, the climate menu displays symbols that indicate the status of heating and ventilation functions.

Note: *If the climate control system is switched off, pressing an AUTO button or the Defrost button, will switch the climate system on.*

HEATED GLASS

With the engine running, the front (**F**) and rear (**R**) glass heaters may be switched on and off in any mode, including with the climate control system off.

The windshield heater switches off automatically after 5 minutes, the rear glass heater after 21 minutes.

In cold ambient conditions, the glass heaters will switch on automatically when the engine is started. The glass heaters will also activate automatically at temperatures below 41°F (5°C).

RECIRCULATION

- Press briefly to activate timed recirculation. The button indicator illuminates when recirculation is on.
- Press and hold the button to activate continuous recirculation. The button indicator will flash and then illuminate constantly.
- To cancel recirculation, press the button briefly.

When selected, the air is recirculated inside the vehicle. This helps to maintain a high or low temperature and is useful for preventing fumes from entering the vehicle.

Timed recirculation: Recirculation will switch off automatically after a set time (dependent on the ambient temperature).

Continuous recirculation: Recirculation will remain on until the button is pressed again.

Note: *Prolonged use at low temperatures may cause the windows to mist.*

Recirculation may also be selected in AUTO mode, if the climate control system detects high levels of pollution in the atmosphere outside the vehicle (if an air quality sensor is fitted). Manual operation of the recirculation control will override the automatic setting.

AIR QUALITY SENSOR

If the air quality sensor detects pollution, air recirculation is selected automatically to reduce pollutants entering the vehicle.

The sensitivity of the sensor can be adjusted using the touch screen:

1. Select **Settings** from the Climate menu.
2. Touch the +/- buttons on the screen to increase/decrease sensitivity.

To switch the function off, decrease sensitivity to the minimum setting.

EXTERNAL TEMPERATURE

The external temperature is displayed at the top of the Climate menu and in the instrument panel.

When the external temperature is low enough that ice may be present on the road, an amber snowflake warning lamp will illuminate in the instrument panel.

AUTOMATIC CLIMATE CONTROL

AUTO mode should be used as the normal operating mode. The air conditioning, heating and ventilation controls automatically provide an optimum environment at the selected temperature.

Note: *Glass heating and timed air recirculation may be selected in AUTO mode. Any other manual adjustment cancels AUTO operation.*

Note: *Water expelled by the air conditioning may collect underneath the vehicle when parked. This is not cause for concern.*

TEMPERATURE CONTROLS

The driver and three separate passenger zone temperatures can be independently adjusted using the rotary controls. Alternatively, using the touch screen, touch the red button to increase and the blue button to decrease temperature.

The temperature for each zone is displayed on the relevant (front or rear) climate menu.

Note: *The maximum possible temperature differential between the driver and passenger settings is 5.4°F (3°C).*

SEAT MENU BUTTON

Press to access the front seat heating, ventilation and massage controls on the touch screen.

HEATED SEATS

Note: *The seat heaters will only operate when the engine is running.*

The heated seats are controlled through the touch screen.

To access the heating controls for front seats:

- Press the seat menu button on the fascia.
- Or, select the seat icon on the touch screen navigation bar.
- Or, from the Climate menu, select **Front seats**.

To access the heating controls for rear seats from the front touch screen:

- From the Climate menu, select **Rear climate**, then select **Rear seats**.

To adjust the seat temperature:

- Touch the upper (red) or lower (blue) arrow for the relevant seat repeatedly, to select one of three temperature settings (as indicated by the bars adjacent to the arrows).

- If no bars are illuminated, the seat heaters are switched off.

CLIMATE SEATS

Note: *The climate seats will only operate when the engine is running.*

Note: *The climate seats are based on a forced airflow circulation system and must not be used in conjunction with accessory fit covers or protective covers as the airflow will be restricted.*

Note: *Climate seat sound levels are different between heating and cooling cycles due to different fan speeds.*

Note: *Ventilated seats have been developed to enhance seat journey comfort and whilst they can be set to heat or cool the seats, it should be noted that this effect is not instantaneous and is linked to cabin temperature.*

Seat ventilation is controlled through the touch screen or by the buttons in the rear control panel. Ventilation can be heated or cooled and can be selected for the whole seat or backrest only.

To access the ventilation controls for front seats:

- Press the seat menu button on the fascia.
- Select the seat icon on the touch screen navigation bar.
- From the Climate menu, select **Front seats**.

To access the ventilation controls for rear seats from the front touch screen:

- From the Climate menu, select **Rear climate**, then select **Rear seats**.

To adjust seat ventilation temperature:

- Touch the upper (red) arrow or lower (blue) arrow for the relevant seat repeatedly, to select from three heated and three cooled settings (as indicated by the bars adjacent to the arrows).
- If no bars are illuminated, seat ventilation is switched off.

To select backrest ventilation only:

- Select **Seat zone**. Only the backrest area of the seat icon will be illuminated.
- Select **Seat zone** again to activate full seat ventilation.

SEAT MASSAGE

Note: *Seat massage will only operate when the engine is running.*

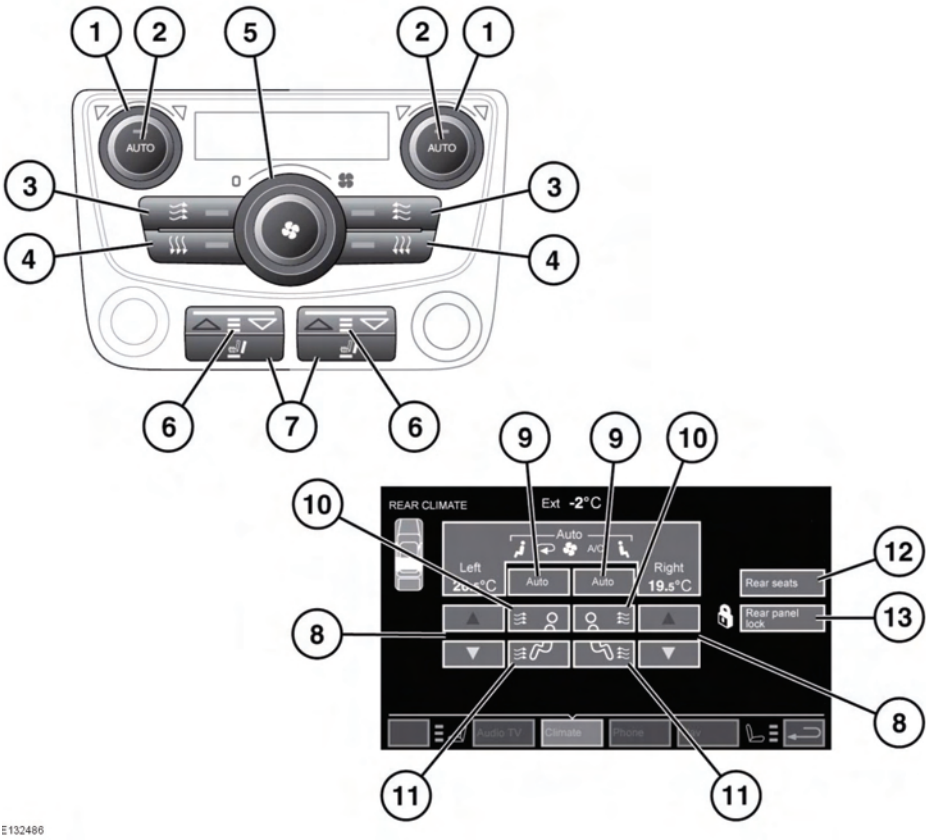
Seat massage may not operate when the vehicle interior temperature is below 32°F or above 122°F (0°c or 122°c respectively).

Seat massage is controlled through the touch screen:

- Either, press the seat menu button on the fascia or;
- From the Climate menu, select **Front seats**.
- Select **Start** or **Stop** for the relevant seat to switch the seat massage on or off.

After 10 minutes, the seat massage will stop automatically.

REAR CLIMATE CONTROL



To access the rear climate touch screen menu, select **Rear climate** from the front climate menu.

1. Temperature control: Rotate to adjust temperature (59°F - 83°F [16°C - 28°C]). The temperature is displayed on the touch screen (rear climate menu).
2. AUTO control: Press to switch automatic operation on.
3. Air distribution to face: Press to switch on/off. Switch indicator illuminates when on.
4. Air distribution to feet: Press to switch on/off. Switch indicator illuminates when on.
5. Blower speed: Rotate to adjust blower speed.

   With blower speed at minimum, rotate the control counter-clockwise to switch the system off. Press AUTO to turn on again.
6. Seat temperature control: Press the red arrow to increase and the blue arrow to decrease temperature. The LEDs illuminate to indicate current setting.

7. Climatic seat zone control: Press to select full seat or backrest only ventilation. The switch indicators illuminate accordingly.
8. Temperature adjustment: Select the red arrow to increase and the blue arrow to decrease temperature. The temperature setting is displayed above the arrows.
9. **Auto**: Select to switch automatic operation on/off.
10. Air distribution to face: Touch to turn on/off.
11. Air distribution to feet: Touch to turn on/off.
12. **Rear seats**: Select to adjust the rear seat temperature and ventilation settings.
13. **Rear panel lock**: Select to disable the rear climate control switches, to prevent the rear passengers from adjusting the rear climate settings (padlock symbol is displayed). Select again to re-enable the controls.

In addition to the selectable controls, the rear climate menu displays symbols that indicate the status of heating and ventilation functions.

Note: *If the climate control system is switched off, pressing a rear AUTO button will switch the climate control system on.*

Note: *If the system is in Defrost mode, all rear controls are disabled and no airflow is available to the rear occupants.*

OPENING AND CLOSING THE LUGGAGE COMPARTMENT

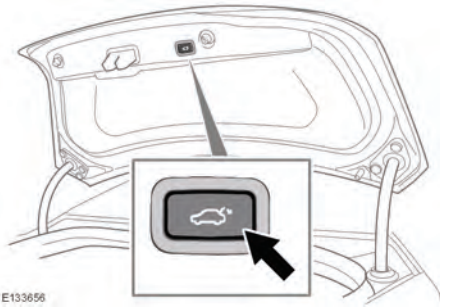
NOTICE

If the Jaguar Smart Key is inadvertently left inside the luggage compartment and the vehicle is locked and the alarm set, an audible warning will sound and the luggage compartment will re-open after three seconds.

Note: *If the Jaguar Smart Key is inside a metal box, it will not be detected by the vehicle security system.*

The luggage compartment can be opened using the appropriate button on the Jaguar Smart Key or via keyless entry. It can also be opened using the exterior release, provided the doors are unlocked and the gear selector is in Park (**P**).

Provided the vehicle is not locked or alarmed, the luggage compartment can also be opened using the interior release button. See **216, DRIVER CONTROLS**.



To close the luggage compartment, press the button on the closing edge of the luggage compartment lid.

Note: *If any of the luggage compartment release/close buttons are pressed while the lid is closing, movement will stop. Check that there are no obstructions and press the close button again.*

Object detection: If any object is detected, that would interfere with the luggage compartment closing, lid movement will stop and reverse a short distance. Remove any obstructions and press the close button again.

LUGGAGE COMPARTMENT OPENING HEIGHT

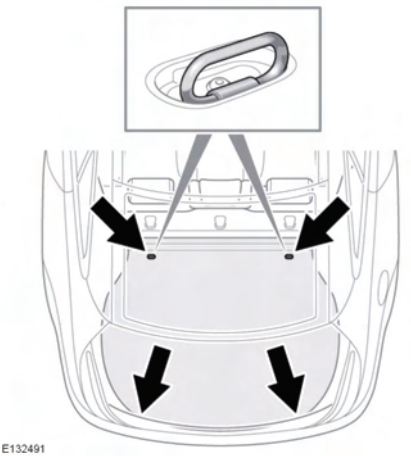
It is possible to set the maximum height to which the luggage compartment lid will open. This is useful in parking areas with very low roofs or just for ease of use.

- Open the luggage compartment lid to the position which you want to set as the maximum height.
- Press and hold (for 10 seconds) the luggage compartment close button.
- Close the luggage compartment, then open again to check that it opens to the programmed height.

The maximum opening height is now set.

To reset the maximum opening height to full, repeat the process, but fully open the luggage compartment lid before pressing and holding the button.

LUGGAGE ANCHOR POINTS



⚠WARNING

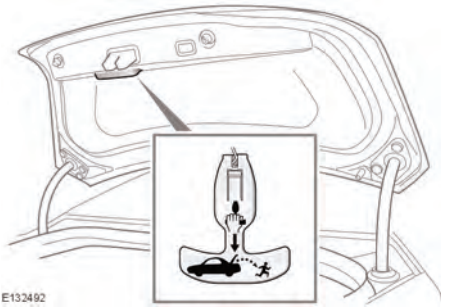
All items carried in the vehicle should be properly secured.

Four load securing rings are provided in the rear luggage area to assist in safely securing items carried.

Note: *A range of approved luggage retention accessories are available from your Dealer/Authorized Repairer.*

LUGGAGE COMPARTMENT EMERGENCY RELEASE

The mechanical luggage compartment release provides a means of escape in the event of someone being locked in the luggage compartment. Adults are advised to familiarize themselves with the operation of the release handle.



The release handle glows in the dark and is located on the inside of the luggage compartment lid. To open the luggage compartment from the inside, pull the handle while pushing the luggage compartment lid upwards.

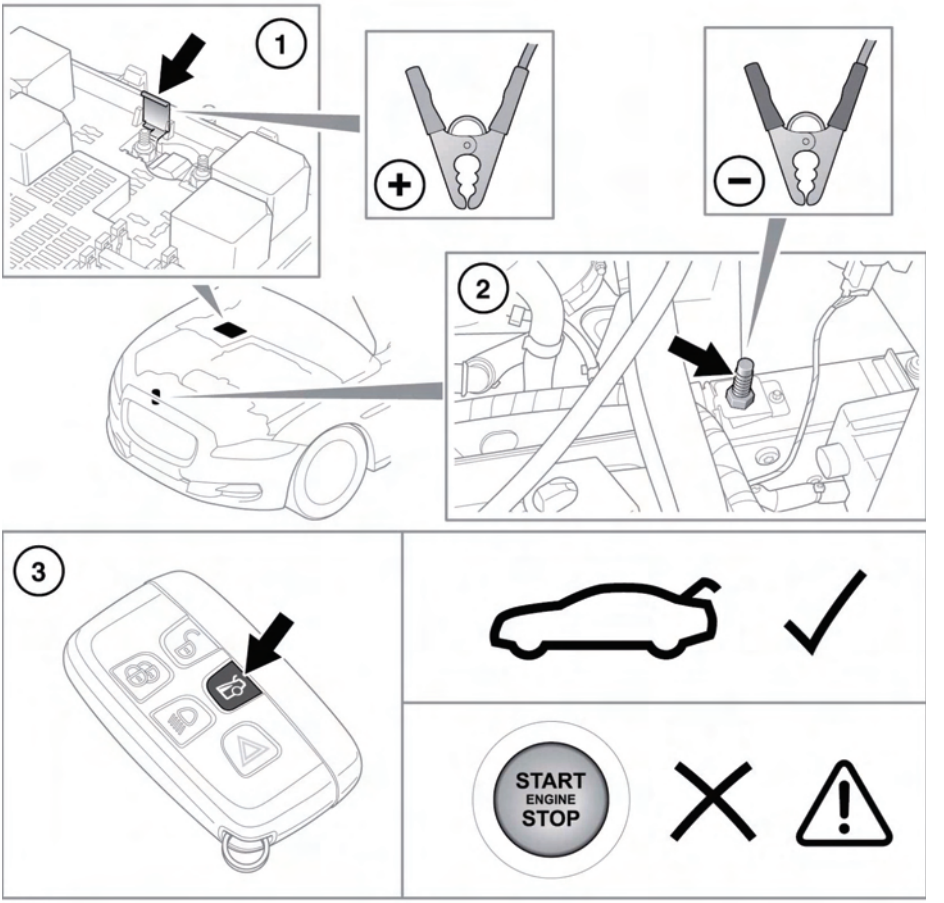
Return the handle to its stowage position after use.

LUGGAGE COMPARTMENT RELEASE WHEN BATTERY IS DISCHARGED

If the battery becomes discharged when the luggage compartment is shut, it will be necessary to supply power to the release circuit in order to open it.

NOTICE

Supplying power to the release circuit in the following manner may cause a fuse to blow. For this reason it is recommended that the following procedure is only carried out by suitably qualified persons.



E132493

With the hood open and the engine and fuse box covers removed, connect booster cables to a suitable 12v supply. Then:-

1. Attach the positive booster cable clamp to the connection point next to the 100A Midi fuse.
2. Attach the negative booster cable clamp to the earthing post at the front of the right-hand chassis leg.

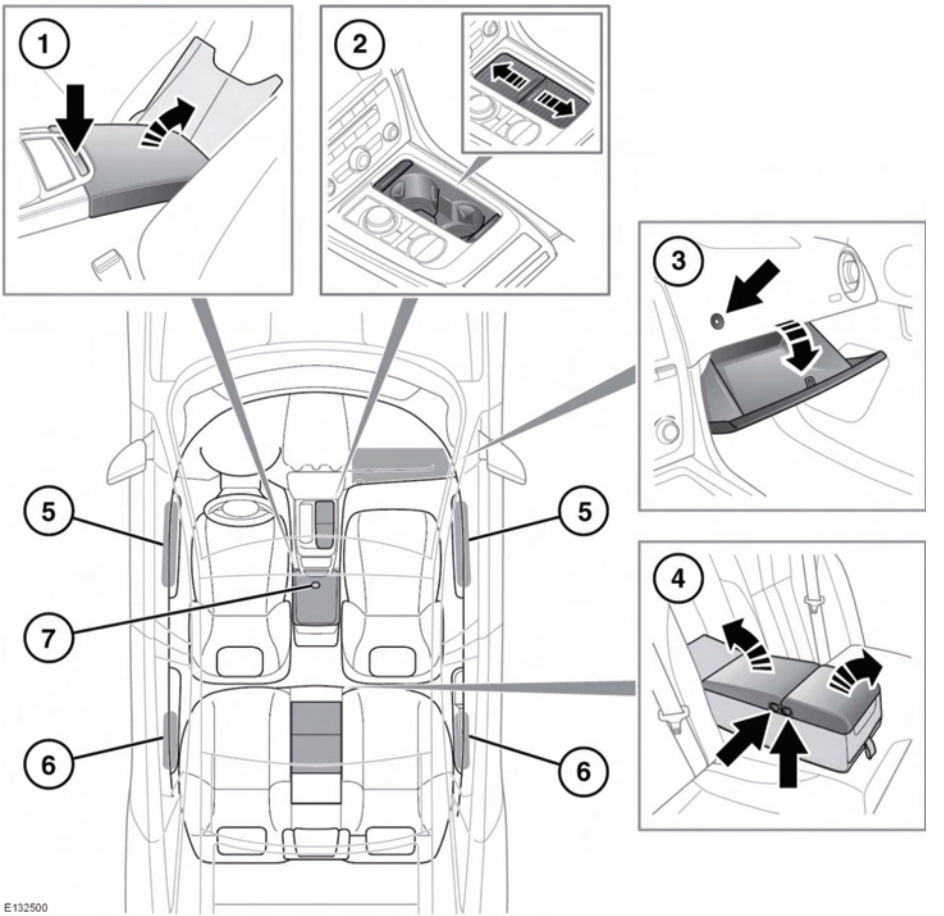
Note: *The alarm may sound when the power is supplied.*

3. Press the luggage compartment release button on the remote control.

NOTICE

Do not attempt to start the vehicle with power supplied in this way.

STORAGE COMPARTMENTS

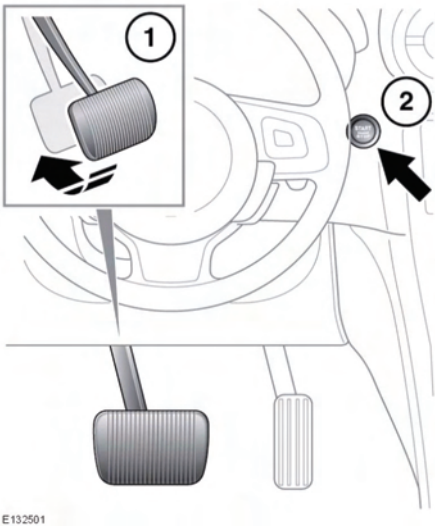


1. Cubby box.
2. Cup holders.
3. Glove box. Open using the glove box release (arrowed).

   Note: *When Valet mode is selected the glove box release is disabled.*
4. Rear armrest cubby box.
5. Front door stowage.
6. Rear door stowage.
7. Auxiliary power socket.

NOTICE
Only use approved accessories.

STARTING THE ENGINE



With the brake pedal applied (**1**) and with a valid Jaguar Smart Key in the vehicle, press and release the START/STOP button (**2**). The engine will start, the JaguarDrive selector will elevate out of the center console and a drive gear can be selected.

SWITCHING ON THE IGNITION

To switch on the ignition without starting the engine, make sure the brake pedal is not applied and that there is a valid Jaguar Smart Key in the vehicle, then press and release the START/STOP button.

Note: *If the brake pedal is pressed when the START/STOP button is pressed, the engine will start.*

SWITCHING OFF THE ENGINE

With the gear selector in position **P**, press the engine START/STOP button. The engine will stop and the ignition system will return to convenience mode. The audio, telephone and touch screen systems will revert to stand-by mode and the JaguarDrive selector will retract into the center console.

IF THE ENGINE FAILS TO START

Seek qualified assistance as soon as possible.

Note: *If the brake pedal has been pumped prior to an attempt to start the engine, it may require greater pressure on the pedal in order for the engine to start.*

Note: *If the Smart Key is placed in the door pocket, it may be outside the range of the sensors when the door is opened. Also it may not be detected if it is place within a metal container or is shielded by a device with a back-lit LCD screen, such as a smart phone, laptop (including laptop bag), games console etc.*

If the engine persistently fails to start, press the START/STOP button (without applying the brake pedal) to return the ignition to convenience mode. Slowly depress the accelerator pedal fully, hold it in this position and press the START/STOP button with the brake pedal applied, the engine will start to crank. Release the accelerator pedal when the engine starts.

If the engine still fails to start, consult your Dealer/Authorized Repairer.

SWITCHING OFF THE ENGINE WHILE MOVING

NOTICE

It is not advisable to switch off the engine while the vehicle is moving. However, should such a situation arise, then the following procedure applies.

- Press and hold the engine START/STOP button for 2 seconds, or;
- Press the engine START/STOP button twice within 2 seconds.

In either case, the warning **Engine stop button pressed** will be displayed in the message center.

ROLLING RE-START

If the engine is switched off while the vehicle is moving, a rolling re-start can be initiated by selecting neutral and pressing the engine START/STOP button.

ENGINE BLOCK HEATERS

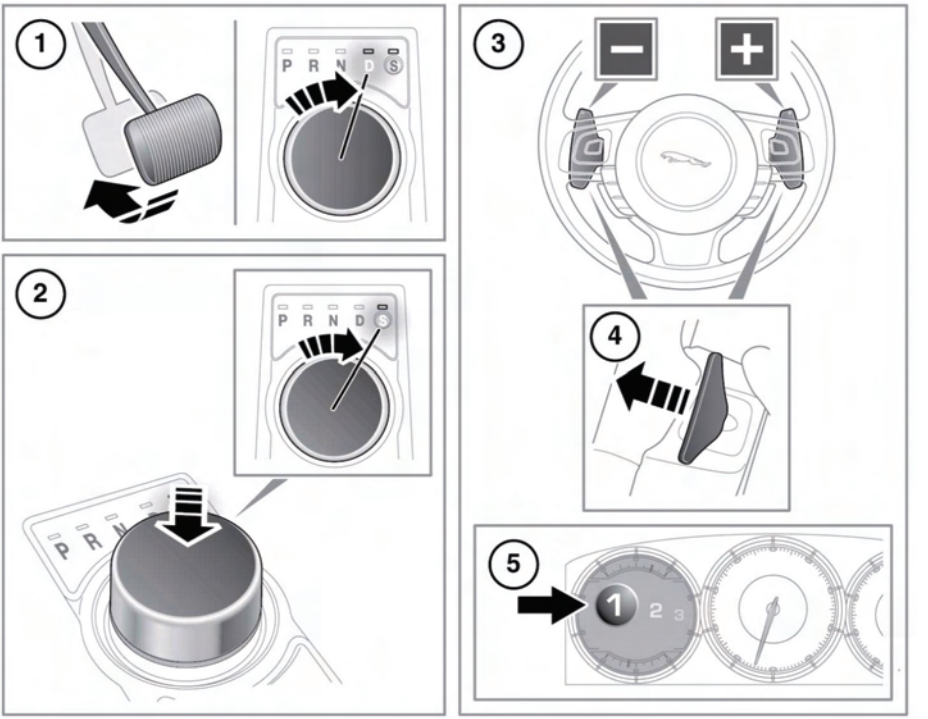
NOTICE

The fitting of an engine block heater does not eliminate the need for antifreeze.

Engines are more difficult to start when the ambient temperature is very low. In geographical areas where temperatures below 14°F (-10°C) are experienced frequently, it is advisable to fit an engine block heater. The block heater will have an insulated connector at the front of the vehicle which is connected to a mains supply using a suitable extension cable. The heater can remain in use overnight, if required. Typically, an engine block heater will use between 400W and 1000W per hour.

For further information, consult your Dealer/Authorized Repairer.

AUTOMATIC TRANSMISSION



E132502

1. To select drive or reverse gear, press the brake pedal and rotate the drive selector.
2. To select sport mode, from **D** press the drive selector down and rotate to **S**.
3. Manual mode gear shift paddles (left paddle for downshifts, right paddle for upshifts).
4. Pull briefly to change gear when in manual mode.

   Note: *The availability of Manual mode is dependent on vehicle variant. See* ***80, MANUAL GEAR SELECTION***
5. Selected gear display when using manual gear selection.

NOTICE
Never select the Park (P) position while the vehicle is in motion. Doing so can result in serious transmission damage.

NOTICE
Never select the Reverse (R) position while the vehicle is in forward motion. Doing so can result in serious transmission damage.

NOTICE
Never select a forward gear while the vehicle is moving backwards. Doing so can result in serious transmission damage.

NOTICE

Do not rev the engine or allow it to run above normal idle speed while selecting D or R, or while the vehicle is stationary with any gear selected. Doing so can result in serious transmission and/or engine damage.

NOTICE

Do not allow the vehicle to remain stationary with a drive gear selected and the engine running. Always select P or N if the engine is to idle for a prolonged period. The vehicle may move unexpectedly with any other gear position selected.

ROTARY GEAR SELECTOR

⚠WARNING

Park (P) should be engaged and the parking brake applied when the vehicle is stationary. The vehicle can move unexpectedly with any other gear position selected, which may result in death or serious injury.

Before exiting the vehicle, always ensure that the gear selector is in the Park (P) position, the engine is turned off, the parking brake is applied and the Smart Key is removed from the vehicle.

The JaguarDrive selector elevates out of the center console when the engine is started, in readiness for gear selection

P should be selected before switching off the engine. However, it is possible to switch the engine off with **R**, **D** or **S** selected - the selector will automatically select **P**, while retracting into the center console.

Note: *If the engine is switched off with **N** selected, the system will wait for 10 minutes before selecting **P**. This procedure is to allow the vehicle to be conveyed through a car wash only and should not be used for vehicle recovery purposes.*

To prevent the transmission from automatically selecting **P** (e.g. for vehicle recovery purposes) it is necessary to activate the Emergency Park Release. Vehicle recovery should only be undertaken by qualified personnel.

IF THE SELECTOR FAILS TO ELEVATE

If the JaguarDrive selector is obstructed, remove the obstruction and then start the engine. The selector should elevate as normal.

If the selector still fails to elevate, even if there is no obstruction, a fault in the system is indicated. The selector can still be used in the lowered position, but be aware that it will not automatically select **P** when the engine is switched off, so **P** should be selected manually. The fault should be rectified by a Dealer/Authorized Repairer at the earliest opportunity.

MANUAL GEAR SELECTION

Supercharged vehicles: Manual gear selection (using the gear shift paddles) is available in both Drive (**D**) (temporary manual mode) and Sport mode (**S**).

Non Supercharged vehicles: Manual gear selection is only available in Sport mode (**S**).

Operation: When in manual mode, pull the left-hand paddle to shift down a gear or the right-hand paddle to shift up a gear.

There are 2 methods of exiting manual mode:

1. Pull and hold the right-hand paddle for approximately 1 second to return directly to automatic operation.
2. Rotate the gear selector from **S** to the **D** position.

Temporary manual gear selection: When the gear selector is in the **D** position on Supercharged vehicles, manual mode may be directly accessed by the single action of operating the steering wheel mounted shift paddles.

If continued use of manual mode is required, the gear selector may be subsequently moved to the **S** position to enter permanent manual mode.

If the gear selector remains in the **D** position, temporary manual mode will be held while the driver is accelerating, decelerating, cornering or continuing to request shifts via the paddles.

LIMP-HOME MODE

Note: *The driver should be aware that the vehicle's performance will be reduced and must take this into account when driving. Also the use of the* ***Jaguar Sequential Shift*** *paddles will be disabled. In this event, seek qualified assistance as soon as possible.*

In the event of an electrical or mechanical failure, transmission operation will be limited. **P**, **R**, **N**, **D** and **S** may still be used to enable the vehicle to be driven to a safe area.

Some faults will cause the selector to be locked in position until the ignition is switched off. If the selected range flashes, it signifies that the driver request cannot be engaged. Re-select **N** and repeat the attempt.

If the transmission is still unable to select the requested gear, contact your Dealer/Authorized Repairer.

WINTER MODE

Press for at least one second to operate. Designed for use in slippery conditions. When active, Winter mode selects 2nd gear for driving away on level ground (no incline), softens the responsiveness of the engine and modifies the gear change strategy. This helps ensure that optimum traction is maintained.

Winter mode is designed to optimize stability of the vehicle to suit slippery conditions where grip is reduced. This helps the vehicle to perform in a more gentle and controlled manner, to avoid skidding, allowing more confident progress under adverse conditions.

If conditions result in reduced traction being perceived, use of TRAC DSC or DSC OFF may improve progress, provided that the correct tires for the conditions are fitted.

Note: *Winter mode cannot be active at the same time as Dynamic mode. Winter mode will remain selected, even after the ignition is switched off. Winter mode must be deselected if no longer required.*

DYNAMIC MODE

Press for at least one second to operate. Dynamic mode co-ordinates the vehicle's control systems to deliver a high performance driving experience. This setting enhances key vehicle systems so that the vehicle's full potential can be exploited. The vehicle's responses are aimed at involving the driver more in focused and purposeful driving, helping swift progress.

Note: *When the transmission is set to permanent manual mode and Dynamic mode is selected, transmission upshifts are fully controlled by the driver. The transmission will not change up automatically, even when the rev limit is reached (the gear position indicator in the message center will glow amber, to indicate that the next gear should be selected).*

Note: *Dynamic mode cannot be active at the same time as Winter mode. Dynamic mode will remain selected for approximately six hours after the ignition is switched off, after which point it will need to be reselected if required.*

TRACDSC

⚠CAUTION

TracDSC should only be used when necessary for the prevailing conditions.

TracDSC optimizes the DSC settings for maximum traction in difficult conditions, such as packed snow. This makes greater traction available, without having to completely lose the benefits of DSC. However, vehicle stability may be reduced. The less restrictive settings of TracDSC also enable a more involving and focused driving experience.

Conditions where the use of TracDSC would be advantageous or necessary:

- On packed snow.
- To help maintain the movement of the vehicle on soft or loose surfaces (e.g. gravel or sand).
- When snow chains are fitted and JaguarDrive Control special modes are off (or switch DSC off in Winter mode).
- To maximize driver involvement.

Note: *When DSC is off with Winter mode selected, the vehicle retains a reduced level of DSC control, but the parameters are optimized for use with snow chains.*

SWITCHING BETWEEN DSC AND TRACDSC

Press and hold the DSC switch for less than 10 seconds. The message center will temporarily display either Trac DSC or DSC ON.

- The warning lamp in the instrument panel will illuminate while Trac DSC is selected.
- The warning lamp will flash when DSC or Trac DSC is active (cruise control will automatically disengage if this occurs).

SWITCHING DSC OFF

⚠WARNING

Disabling the DSC may adversely affect vehicle stability and braking which in turn can lead to loss of control and increased braking distance, resulting in a rollover or crash.

- Press and hold the DSC switch for more than 10 seconds.
- The message center will display **DSC OFF** and a short warning chime will sound.
- The warning lamp in the instrument panel will illuminate.

SWITCHING DSC ON

- Press and release the DSC switch.
- The DSC system will switch on, the message center will temporarily display **DSC ON**.
- The warning lamp in the instrument panel will be extinguished.

Note: *Switching the engine off and then on again, will always revert DSC status to DSC ON, regardless of which mode is selected.*

STABILITY CONTROL WARNING LAMPS

Flashes when DSC is active.

If there is a fault, this warning lamp will illuminate in the instrument panel and the message center will display **STABILITY CONTROL NOT AVAILABLE DRIVE WITH CARE**.

The vehicle can still be driven, but the DSC system will not activate under wheel spin or slide conditions. You should seek qualified assistance as soon as possible.

If DSC is switched off, this warning lamp will illuminate in the instrument panel, the message DSC OFF is displayed and a warning chime will sound.

ADAPTIVE DYNAMICS

Jaguar adaptive dynamics continuously monitors the road and driver inputs and optimizes the vehicle suspension settings for ride comfort and control.

The adaptive dynamics system is linked to Dynamic mode, modifying the suspension settings for a more sporting character.

If **ADAPTIVE DYNAMICS FAULT** is displayed in the message center, the vehicle can still be driven, but seek qualified assistance to have the fault rectified.

ACTIVE DIFFERENTIAL CONTROL (Supercharged vehicles only)

The Active differential control (E-diff) improves traction on uneven road surfaces and can also improve stability in oversteer situations.

If the warning message **EDIFF SYSTEM FAULT** is displayed and DSC is off, then TracDSC will be automatically selected. The vehicle can still be driven and DSC modes can be selected, but seek qualified assistance as soon as possible.

If the warning message **EDIFF NOT AVAILABLE** is displayed, the system has temporarily shut down to prevent overheating. The vehicle can still be driven and the E-diff will be operational again when the system has cooled sufficiently.

JAGUARDRIVE CONTROL SCENARIOS

⚠CAUTION

Winter mode, Dynamic mode and TracDSC are not substitutes for driving safely, with due care and attention. Drivers should not assume that these features will correct errors of judgement in driving.

The table below gives examples of the drive control settings suggested for different driving scenarios.

Scenario	Suggested driver selection			
	Tire fitment	JaguarDrive Control	Dynamic Stability Control (DSC)	Transmission
Wet grass	Standard	Winter mode	Default (On)	Drive (D)
Very wet roads				
Ice/light snow	Summer or All Season tires			
Snow ploughed hard-topped roads (including black ice)	All Season tires		Default (On)	
Packed snow roads	Winter tires		TracDSC	Drive (D)
Deep fresh snow	Snow chains		DSC Off	Sport
Normal driving conditions (e.g. dry roads, city driving, highway cruising etc.)	Standard	No driver selection required. Special modes off, DSC on, transmission in D Special modes off	No driver selection required. Special modes off, DSC on, transmission in D Default (On)	No driver selection required. Special modes off, DSC on, transmission in D
Overtaking on a dry road	Standard			Sport
Pulling out onto a busy road in dry conditions				
Favorite country lane (public road)		Dynamic mode	DSC On	

IMPORTANT INFORMATION

⚠WARNING

Do not rest your foot on the brake pedal while the vehicle is in motion. This may result in the brakes overheating, thus reducing their effectiveness.

⚠WARNING

Never allow the vehicle to coast (freewheel) with the engine turned off. The engine must be running to provide full braking assistance. The brakes will still function with the engine off, but far more pressure will be required to operate them.

⚠WARNING

If the red brake warning lamp illuminates, safely bring the vehicle to a stop, as quickly as possible. Seek qualified assistance before proceeding.

⚠WARNING

Never place non-approved floor matting or any other obstructions under the brake pedal. This restricts pedal travel and braking efficiency, and may cause a crash.

⚠WARNING

Do not pump the brake pedal at any time, this will interrupt operation of the system and may increase stopping distances.

Driving through heavy rain or water can have an adverse effect on braking efficiency. Under such circumstances, it is recommended that you lightly apply the brakes intermittently to dry the brakes.

BRAKE WARNING LAMPS

USA

Canada and Mexico

If this warning lamp illuminates red while driving and/or the message **Brake Fluid Low** is displayed in the message center, check the brake fluid level at the earliest opportunity and top-up as required.

USA

Canada and Mexico

If this warning lamp illuminates amber while driving and/or **ABS FAULT** is displayed in the message center, drive with extra caution, avoid heavy braking where possible, and seek qualified assistance as soon as possible.

ELECTRONIC BRAKE FORCE DISTRIBUTION (EBD)

EBD balances the distribution of braking forces between the wheels on the front and rear axles, to maintain maximum braking under all vehicle loading conditions.

For example; Under light loads, EBD applies less braking effort to the rear wheels, to maintain stability. Conversely, it allows full braking effort to the rear wheels when the vehicle is heavily laden.

A fault with the EBD system is indicated by the red brake warning lamp and the message **EBD FAULT**. The braking system will still operate, but without EBD assistance. Seek qualified assistance to have the fault rectified.

EMERGENCY BRAKE ASSIST (EBA)

The EBA system measures the rate at which the brake pressure increases. If the system detects an emergency braking situation, EBA automatically initiates full braking effect. This can reduce stopping distances in critical situations.

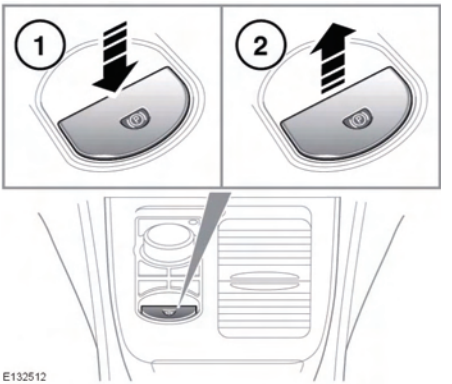
A fault with the EBA system is indicated by the brake warning lamp illuminating and **Emergency Brake Assist Not Available** displaying in the message center. The braking system will still function, but without EBA assistance. Seek qualified assistance to have the fault rectified.

ELECTRIC PARKING BRAKE (EPB)

⚠WARNING

Do not rely on the parking brake to hold the vehicle stationary if the brake warning indicator is illuminated or the EPB warning indicator is flashing. Seek qualified assistance urgently.

The switch which operates the parking brake is mounted on the center console to the rear of the gear selector.



To disengage the parking brake (1): With the ignition system on or with the engine running, apply the foot brake and press the parking brake switch down.

If the parking brake is applied while the vehicle is stationary and **D** or **R** is selected, applying the throttle will automatically release the parking brake.

The parking brake is also automatically released when the gear selector is moved from the **P** position.

If the parking brake is inadvertently applied when the vehicle is moving at above 1.8 mph (3 km/h), **Caution! Park Brake Applied** is displayed in the message center, the warning lamp in the instrument panel will illuminate and a warning chime will sound.

If the parking brake is applied while the vehicle is moving, releasing the switch will disengage the parking brake. The parking brake cannot be applied when the vehicle is moving, if the accelerator pedal is pressed.

Note: *If the vehicle is in motion, the parking brake should only be used as an emergency brake.*

NOTICE

Always apply the parking brake when the vehicle is parked.

To engage the parking brake (2): Pull the parking brake switch upwards and release. The switch will return to the neutral position.

USA

Canada and Mexico

The Parking brake warning lamp (above) on the instrument panel will illuminate.

The Drive Away Release feature allows the parking brake to release automatically as the vehicle is driven away.

The warning lamp will remain on for a short time, if the parking brake is applied when the ignition system is reverted to the convenience mode.

If a fault in the system is detected, **Park Brake Fault** or **Cannot Apply Park Brake** will be displayed in the message center. Seek qualified assistance as soon as possible.

If the battery has been discharged or disconnected, **Apply Foot And Park Brake** will be displayed in the message center when the ignition is next switched on. Depress the foot brake and pull the parking brake switch up to apply the parking brake. This is required to reset the parking brake system. The parking brake will now function correctly.

TIRE PRESSURE MONITORING SYSTEM

⚠WARNING

TPMS provides a low pressure warning and does not re-inflate your tires. Tire pressures should be checked regularly, when cold, using an accurate pressure gauge.

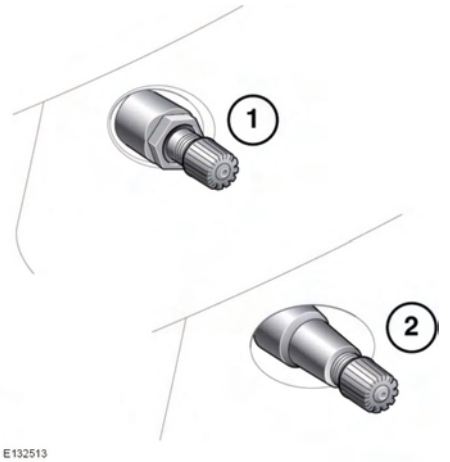
⚠WARNING

TPMS can NOT register damage to a tire. Regularly check the condition of your tires, especially if the vehicle is driven off-road.

NOTICE

When inflating tires, care should be taken to avoid bending or damaging the TPMS valves. Always ensure correct alignment of the inflation head to the valve stem.

Note: *Non-approved accessories may interfere with the system. If this occurs,* ***TIRE PRESSURE MONITORING SYSTEM FAULT*** *is displayed in the message center.*



Wheels fitted with TPMS can be visually identified by the external metal lock nut and valve (**1**). All Jaguar non-TPM system wheels have a rubber valve fitted (**2**).

TPMS OPERATION

The TPMS monitors pressure of the tires via sensors located in each wheel and a receiver located within the vehicle. Communication between sensor and receiver is via Radio Frequency (RF) signals.

The tire pressure warning comprises a yellow warning telltale within the instrument panel and the associated messages within the message center.

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label (if your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires).

As an added safety feature, your vehicle has been equipped with a Tire Pressure Monitoring System (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly under-inflated.

Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

The TPMS may issue a warning if the under-inflation becomes significant. When driving through variable climatic conditions, the TPMS warnings may be intermittent.

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly.

The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly.

Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

A supplementary text message will accompany the system indicator and will display **TIRE PRESSURE MONITORING SYSTEM FAULT**.

TEMPORARY USE SPARE WHEEL AND TIRE CHANGE

If the temporary use spare wheel is fitted the system will automatically recognize the change in wheel positions. Then after approximately ten minutes of driving above 18 mph (25 km/h), a message detailing which tire is affected (e.g. **FRONT LEFT**) and **TIRE PRESSURE NOT MONITORED** will be displayed accompanied by illumination of the warning telltale and the corresponding block in the vehicle graphic.

The warning telltale will initially flash and will subsequently revert to continuous illumination. Extended use of the temporary use spare wheel will produce an additional text message **TIRE PRESSURE MONITORING SYSTEM FAULT**.

This TPMS display sequence will be activated at every ignition cycle until the temporary use spare wheel is replaced by a fully operational full size wheel and tire assembly.

Always replace the temporary use wheel before having TPMS faults investigated. The fault may well be rectified with the fitment of a fully operational full size running tire in lieu of the temporary use spare wheel assembly.

TIRE CHANGING

NOTICE

Always have your tires serviced or changed by a qualified technician.

Care must be taken to avoid contact between the bead of the tire and the sensor during removal and refitting of the tire, or the sensor may become damaged and or inoperable.

NOTICE

Valve stem seal, washer, nut, valve core and cap should be replaced at every tire change. Valve stem seal, washer and nut must be replaced if valve retention nut is loosened. Sensor units and nuts must be refitted using correct torque figures and associated profile. Damage to the vehicle may result if these precautions are not taken.

Sensors can be removed from the wheel by the unscrewing of the valve retention nut.

REPLACEMENT SENSOR

Should the sensor require replacing, it should be carried out by a Dealer/Authorized Repairer.

A replacement sensor must be fitted to a running wheel in order to be recognized by the system. The vehicle needs to be stationary for 15 minutes during the sensor fitment before the system is ready to detect the new sensor. The vehicle must be driven for a minimum of fifteen minutes after the sensor change, and then remain stationary for fifteen minutes to activate full TPMS operation.

If the TPMS warning for any wheel does not clear, even after ensuring correct inflation and driving for more than ten minutes above 18 mph (25 km/h), you should seek qualified assistance as soon as possible.

TYPE APPROVAL NUMBERS

USA

The TPMS devices comply with part 15 of the FCC Rules and RSS-210. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Canada

IC - RSS-210:

Operation is subject to the following two conditions:

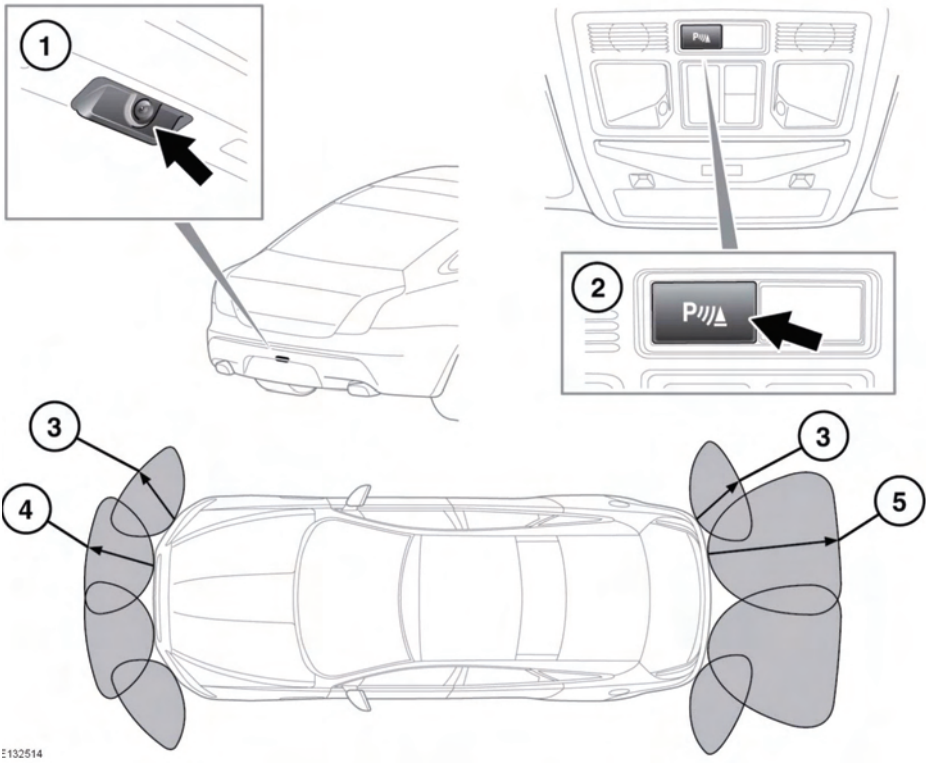
1. This device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Note: *Changes or modifications not expressly approved by the manufacturer could void the user's authority to use the equipment.*

The TPMS radio frequency approval numbers for the USA and Canada are shown below:

USA FCC ID:	KR5S120123
	KR5S180052021
	5WK49097
Canada IC:	267T-S120123
	7812D-S180020A
	267T-5WK49097

PARKING AID OPERATION



1. Rear view camera. See **95, REAR VIEW CAMERA**.
2. Parking aid switch. Press to turn the parking aid on and off.
3. Approximately 24 inches (600 mm).
4. Approximately 31 inches (800 mm).
5. Approximately 71 inches (1800mm).

⚠WARNING

The parking aid system is not a substitute for driving safely with due care and attention. Drivers should not assume that this feature will correct errors of judgement while driving.

⚠WARNING

The parking aid system may not function under all speeds, weather and road conditions.

⚠WARNING

Parking aids may not detect moving objects, such as children and animals until they are dangerously close. Always exercise extreme caution when maneuvering and always use the mirrors.

⚠WARNING

It remains the driver's responsibility to detect obstacles and estimate the vehicle's distance from them. Some overhanging objects, barriers, small children, animals, thin obstructions or painted surfaces may not be detected by the system.

NOTICE

The parking aid sensors may not detect some obstructions (e.g. narrow posts, small objects close to the ground and some objects with dark, non-reflective surfaces). Parking aids are for guidance only and are not intended to replace the driver's visual checks for obstructions or objects when maneuvering.

NOTICE

Systems using the same frequency band as the front parking sensors may cause irregular tones to be emitted.

***Note:** The sensors are active when the gear selector is in neutral and in drive after moving from reverse. Therefore an audible warning tone will sound if an obstacle is detected.*

USING THE PARKING AID

NOTICE

The parking aid system switches off when vehicle speed exceeds 9 mph (15 km/h) in drive (D) and will need to be reselected again if needed.

When in reverse, neutral or drive, press the switch (**2**) to turn the parking aid on (switch indicator illuminates) and off.

A pop-up appears on the touch screen, showing a plan view of the vehicle and the immediate surrounding area. Touch the pop-up to cancel this view.

When objects are detected the Park aid will emit a warning tone which increases in frequency as the vehicle gets closer to the object and then becomes constant when the obstacle is within 12 inches (300 mm).

If an obstacle is detected at the front or rear of the vehicle, a warning tone will be heard from the front or rear speakers respectively. The speakers used will be nearest to the obstacle i.e. rear speakers if the obstacle is behind the vehicle.

Objects are detected within the approximate operating ranges as shown in the illustration (items **3**, **4** and **5**).

***Note:** The front parking aid provides an audible proximity warning when driving forwards or reversing.*

***Note:** If a rear-view camera is fitted, when reverse gear (**R**) is selected, the camera display is selected automatically. To view the parking aid display, touch the screen.*

***Note:** The outer sensors will switch off if the distance to an object increases or remains constant for 3 seconds. The sensors will reactivate automatically if a new object is detected within the operating range, or if the distance to the original object reduces.*

PARKING AID VOLUME

To set the volume of the parking aid warning tones:

- Select **Setup** from the touch screen Home menu, then select **System**.
- Select **Volume presets**, then use the **+** or **-** soft keys alongside Parking aid to adjust volume for both front and rear warning tones.

REAR FITTED ACCESSORIES

Particular care must be taken when reversing with rear fitted accessories, as the rear parking aid will only indicate the distance from the bumper to the obstacle.

CLEANING THE SENSORS

For reliable operation, the sensors in the front and rear bumpers should be kept free from ice, frost and grime.

NOTICE
Do not clean the sensors with abrasive or sharp objects or materials.

NOTICE
When using a high pressure spray, only spray the sensors briefly, from a distance greater than 8 inches (200 mm).

PARKING AID SYSTEM FAULT

If the system has a fault when engaging reverse gear or turning on the ignition, a single three second tone will be heard and the warning indicator in the parking aid switch will flash for three seconds before switching off. The system is automatically disabled.

Note: *The parking aid may sound spurious tones if it detects a frequency tone using the same band as the sensors (e.g. air brakes).*

REAR VIEW CAMERA

⚠WARNING

Always turn and look before reversing. It remains the driver's responsibility to detect obstacles and estimate the vehicle's distance from them when reversing.

NOTICE

Some overhanging objects or barriers which could cause damage to the vehicle may not be detected by the camera.

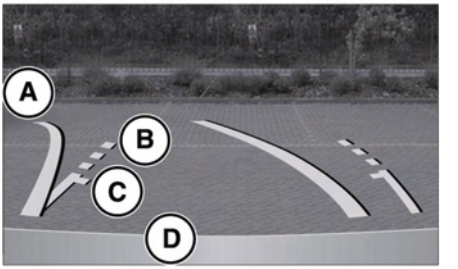
When reverse (**R**) is selected, the system uses a camera to provide a wide-angle color rear view image on the touch screen.

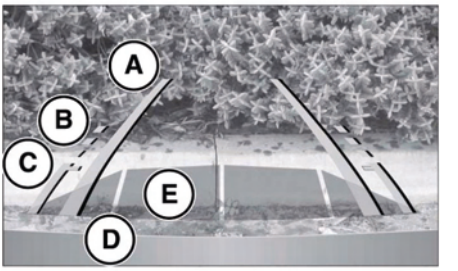
The camera display has priority over the parking aid display. To view the parking aid display instead, or to cancel camera display at any time, touch the display.

The display also incorporates graphic overlays indicating vehicle direction, width and proximity to surrounding objects.

The camera image will not be displayed:

- If drive (**D**) is selected and the vehicle speed is greater than 9 mph (15 km/h).
- If drive (**D**) is selected for longer than 2 seconds.





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A. Solid line: The projected wheel trajectory.

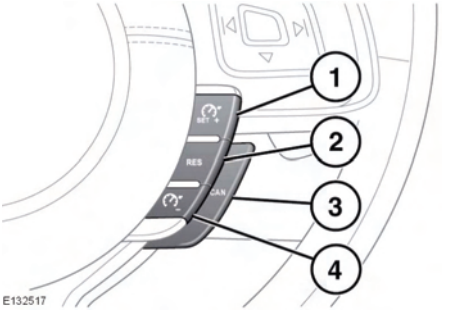
B. Dotted line: The safe working width of the vehicle (including exterior mirrors).

C. Trunk access guideline: Do not reverse beyond this point if trunk access is required.

D. Vehicle bumper.

E. Parking sensor activation: A colored area appears to indicate which rear sensor(s) has been activated.

USING CRUISE CONTROL



The cruise (speed) control system can be used by the driver to maintain a selected vehicle speed above 18 mph (30 km/h).

1. **SET (+)**: Press to engage cruise control and set the current speed. It is also used to increase the set speed until the desired speed is obtained.
2. **RES** (Resume): Resumes the cruise control set speed after it has been disengaged.
3. **CAN** (Cancel): Press to disengage cruise control. The set speed memory will be retained.
4. **(-)**: Press to decrease the set speed until the desired speed is obtained.

SETTING VEHICLE SPEED

⚠WARNING

The driver must always ensure that a safe speed is maintained within the speed limit, taking account of road, traffic and weather conditions.

Do not use cruise control in heavy traffic or conditions where a constant road speed cannot be easily and safely maintained, such as on roads that are winding, wet with rain or snow, slippery or unpaved.

Note: *In certain conditions, such as a steep downhill gradient, the vehicle speed may exceed the set cruising speed. This is because engine braking is unable to maintain or reduce the vehicle speed. Driver intervention may be required.*

When you are travelling at the speed you require press the set button.

Cruise control will engage and maintain the set speed and you can remove your foot from the accelerator pedal.

Note: *Cruise control will automatically disengage when the brake pedal is pressed or when the vehicle speed falls below 18 mph (30 km/h).*

CHANGING THE CRUISE SPEED

There are two ways to change the set speed:

- Accelerate or decelerate to the desired speed then press the set button.
- Increase or decrease the speed by pressing the speed adjustment buttons **SET** (**+**) or (**-**) (**1** or **4**) until the desired speed is obtained.

Note: *The set speed can be increased or decreased in steps of 1 mph (2 km/h), by pressing the speed adjustment buttons (+) or (-) briefly until the desired speed is obtained.*

RESUMING THE SET SPEED

If the vehicle is accelerated above the set speed, then the set speed will be resumed when the accelerator pedal is released.

If the **CAN** button (**3**) or the brake pedal is pressed, the cruise control will disengage but the set speed memory will be retained. Press **RES** (**2**) and the vehicle will return to the set speed.

Note: *Cruise control will not resume at speeds below 18 mph (30 km/h).*

NOTICE

RES *should only be used if the driver is aware of the set speed and intends to return to it.*

NOTICE

It is not recommended to resume set speed when a low gear is selected as excessive engine speeds will occur.

AUTOMATIC SWITCH OFF

Cruise control will switch off but the set speed will remain in the memory when:

- The **CAN** button (**3**) is pressed.
- The brake pedal is pressed.
- Speed falls below 18 mph (30 km/h).
- Neutral, Park or Reverse gear positions are selected.
- Dynamic Stability Control is operating.
- The difference between the actual and set speed is too great.
- When the vehicle reaches a maximum speed of 120 mph (192 km/h).
- The accelerator pedal is used to accelerate beyond the set speed for too long a period.

Cruise control will switch off and clear the memory when:

- The ignition system is switched off.
- A fault occurs. The cruise control system will switch off and cannot be used until the fault is cleared.

ADAPTIVE CRUISE CONTROL OVERVIEW

The Adaptive Cruise Control (ACC) system is designed to aid the driver to maintain a gap from the vehicle ahead or a set road speed if there is no slower vehicle ahead.

⚠WARNING

ACC is not a substitute for driving safely, with due care and attention. ACC may not function properly under all weather and road conditions.

Do not use ACC in poor visibility, specifically fog, heavy rain, spray or snow.

ACC is not a collision warning or avoidance system and driver's should not assume that this feature will correct errors of judgement while driving.

Additionally, ACC will not react to:

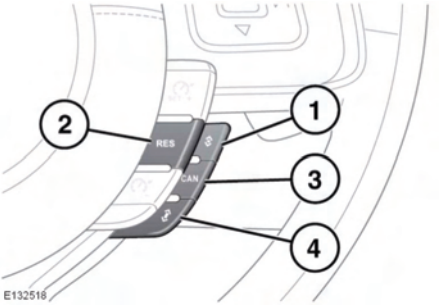
- **Stationary or slow moving vehicles below 6 mph (10 km/h).**
- **Pedestrians or objects in the road.**
- **Oncoming vehicles in the same lane.**

The ACC system uses a radar sensor which projects a beam directly forward of the vehicle to detect objects ahead.

The radar sensor is mounted behind the bumper cover to the left of the cooling aperture, to provide a clear view forward for the radar beam.

- Only use ACC when it is safe to do so and conditions are favorable (i.e. main roads with free flowing traffic).
- Do not use on icy or slippery roads.
- It is the drivers responsibility to stay alert, drive safely and be in control of the vehicle at all times.
- Keep the front of the vehicle free from dirt, metal badges or objects, including vehicle front protectors, which may prevent the sensor from operating.
- Do not use ACC when entering or leaving a highway.

USING ACC



1. Gap decrease button.
2. **RES** (Resume): Resumes the ACC set speed after it has been disengaged.
3. **CAN** (Cancel) button.
4. Gap increase button.

The system is operated by controls mounted on the steering wheel. The driver can also intervene at any time by use of the brake or accelerator pedals.

Setting the vehicle speed, activating and deactivating ACC is done in the same way as using cruise control. See **96, USING CRUISE CONTROL**.

ENTERING FOLLOW MODE

⚠WARNING

When in follow mode, the vehicle will not decelerate automatically to a stop, nor will the vehicle always decelerate quickly enough to avoid a collision.

Once a set speed has been selected, the driver can release the accelerator and the set road speed will be maintained.

When a vehicle ahead enters the same lane or a slower vehicle is ahead in the same lane, the vehicle speed will be adjusted automatically until the gap to the vehicle ahead corresponds to the default gap setting (gap level 3). The vehicle is now in **follow mode**.

The amber warning lamp in the instrument panel will be illuminated.

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The message center will display the gap set.

The vehicle will then maintain the constant time gap to the vehicle ahead until:

- The vehicle ahead accelerates to a speed above the set speed.
- The vehicle ahead moves out of lane or out of view.
- A new gap distance is set.

If necessary, the vehicle brakes will be automatically applied to slow the vehicle to maintain the gap to the vehicle in front.

The maximum braking which is applied by the ACC system is limited and can be overridden by the driver applying the brakes, if required.

Note: *Driver braking will cancel ACC.*

If the ACC system predicts that its maximum braking level will not be sufficient, then an audible warning will sound while the ACC continues to brake. **DRIVER INTERVENE** will be displayed on the message center. The driver should take immediate action.

When in follow mode, the vehicle will automatically return to the set speed when the road ahead is clear, for instance when:

- The vehicle in front accelerates or changes lane.
- The driver changes lane to either side or enters an exit lane.

The driver should intervene if appropriate.

CHANGING THE FOLLOW MODE SET GAP

Four gap settings are available. Each gap level is indicated by an additional chevron in front of the vehicle icon in the message center (one chevron (gap level 1) being the shortest, four chevrons (gap level 4) being the longest). After the ignition is switched on, the default gap (gap level 3) will be automatically selected ready for ACC operation.

Note: *When the ignition is switched off, the gap setting will revert to the default setting (gap level 3) when switched on again.*

Note: *It is the driver's responsibility to select a gap appropriate to the driving conditions.*

OVERRIDING THE SPEED AND FOLLOW MODE

⚠WARNING

Whenever the driver is overriding the ACC by depressing the accelerator pedal, the ACC will not automatically apply the brakes to maintain separation from any vehicle ahead.

The set speed and gap can be overridden by pressing the accelerator pedal when cruising at constant speed or in follow mode. If the vehicle is in follow mode, the warning lamp will go out when the ACC is overridden by the driver using the accelerator and **CRUISE OVERRIDE** will be displayed on the message center. When the accelerator is released the ACC function will operate again and vehicle speed will decrease to the set speed, or a lower speed if follow mode is active.

AUTOMATIC LOW SPEED SWITCH-OFF

If the speed of the vehicle decreases below 18 mph (30 km/h) the ACC system will be automatically switched off and the warning lamp will go out.

If the brakes were being applied by the ACC system, they will be slowly released.

This will be accompanied by an audible warning and **DRIVER INTERVENE** will be displayed in the message center. The driver must take control.

ACC AUTO OFF

ACC will disengage, but not clear the memory when:

- The **CAN** button is pressed
- The brake pedal is pressed
- Neutral (**N**), Park (**P**) or Reverse (**R**) gear positions are selected
- Dynamic Stability Control activates.

ACC will disengage, and clear the memory when:

- The ignition system is switched off
- Maximum vehicle speed is reached
- A fault occurs in the ACC system.

RESUMING THE SPEED AND FOLLOW MODE

RESshould only be used if the driver is aware of the set speed and intends to return to it.

By pressing the **RES** button after ACC has been cancelled, after braking for example, the ACC will become active again provided that the set speed memory has not been erased. The original set speed will be resumed (unless a vehicle ahead causes the follow mode to become active).

HINTS ON DRIVING WITH ACC

The system acts by regulating the speed of the vehicle using engine control and the brakes. Gear changes may occur in response to deceleration or acceleration while in ACC.

ACC is not a collision avoidance system. However, during some situations the system may provide the driver with an indication that intervention is required.

An audible alarm will sound, accompanied by the message **DRIVER INTERVENE** if the ACC detects:

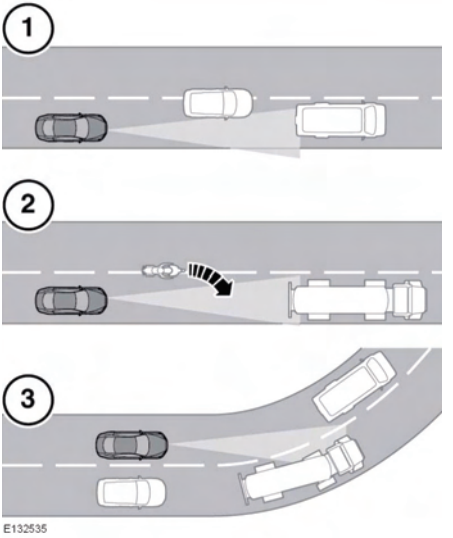
- A failure has occurred while the system is active
- That using maximum ACC braking only is not sufficient.

Note: *ACC operates when the gear selector is in position **S** or **D**.*

Note: *When engaged, the accelerator pedal rests in the raised position. Fully release the pedal to allow normal ACC operation.*

Note: *When braking is applied by the ACC, the vehicle brake lamps will be switched on although the brake pedal will not move.*

DETECTION BEAM ISSUES



Detection issues can occur:

1. When driving on a different line to the vehicle in front.
2. When a vehicle edges into your lane. The vehicle will only be detected once it has moved fully into your lane.
3. There may be issues with the detection of vehicles in front when going into and coming out of a bend.

In these cases ACC may brake late or unexpectedly. The driver should stay alert and intervene if necessary.

ACC MALFUNCTION

If a malfunction occurs during operation of the system in cruise or follow modes, the ACC system will switch off and cannot be used until the fault is cleared. The message **DRIVER INTERVENE** appears briefly and is then replaced by the message **CRUISE NOT AVAILABLE**. If malfunction of the ACC or any related system occurs at any other time, the message **CRUISE NOT AVAILABLE** will be displayed. It will not be possible to activate the ACC system in any mode.

Accumulations of dirt, snow or ice on the sensor or cover may inhibit ACC operation. Fitting of a vehicle front protector or metallic badges may also affect ACC operation.

The ACC system relies on its radar to detect objects and constantly scans ahead. If the radar detects no objects ahead in ACC or follow mode, then the ACC will be deactivated, the audible alarm sounds and the message **DRIVER INTERVENE** displays briefly. The message **ACC SENSOR BLOCKED** will then be displayed.

The same messages may also be displayed while driving on open roads with few objects for the radar to detect.

Clearing the obstruction allows the system to return to normal operation. If the obstruction is present when ACC is inactive, e.g. on initial starting or with the ACC system switched off, the message **ACC SENSOR BLOCKED** will be displayed.

Tires other than those recommended may have different sizes. This can affect the correct operation of the ACC.

FORWARD ALERT FUNCTION

Limited detection and warning of objects ahead is provided during ACC operation by the ACC **FORWARD ALERT** warning. The enhanced forward alert feature additionally provides warnings when ACC is not engaged; if an object is detected close ahead, then the warning tone and message will be issued. The brakes will not be applied.

The forward alert system does not initiate any action. The driver must take appropriate action when the **FORWARD ALERT** message is displayed. However, the system monitors driver actions (e.g. braking, steering or indicating) and may not initiate the warning display if the appropriate action has been taken early enough.

The Forward alert function may be switched on or off using the instrument panel menu.

When the warning lamp in the instrument panel is on, Forward alert is active.

The sensitivity of the warning may be changed and is retained when the ignition is switched off:

- Press the gap decrease button when ACC is disengaged to display and then decrease the sensitivity of the alert.
- Press the gap increase button to display and then increase the sensitivity of the alert.

ADVANCED EMERGENCY BRAKE ASSIST

The system may not react to slow moving vehicles and will not react to stationary vehicles or vehicles travelling in the opposite direction.

Warnings may not appear if the distance to the vehicle ahead is very small or if steering wheel or pedal movements are large (e.g. to avoid a collision).

The system utilizes the same radar sensor as ACC and Forward alert - the same limitations of performance apply.

Advanced emergency brake assist is available at speeds above approximately 5 mph (7 km/h) and improves braking response during emergency braking when a moving vehicle is detected close ahead.

If the risk of collision increases after the **FORWARD ALERT** warning is displayed, advanced emergency brake assist is activated. The brakes are automatically applied gently in preparation for rapid braking (this may be noticeable). If the brake pedal is then pressed quickly, full braking is implemented even if only light pressure is applied to the pedal. See **87, EMERGENCY BRAKE ASSIST (EBA)**.

Advanced emergency brake assist will function even if Forward Alert and ACC are switched off. If there is a fault with the system, **FORWARD ALERT UNAVAILABLE** is displayed in the message center. The vehicle can still be driven and the braking system will still operate, but without advanced emergency brake assistance. Seek qualified assistance to have the fault rectified.

USING ASL

⚠WARNING

In certain conditions, such as a steep downhill gradient, the vehicle speed may exceed the set speed limit. This is because engine braking is unable to maintain or reduce the vehicle speed, driver intervention may be required.

The **ASL** button allows the driver to select between cruise control and the automatic speed limiter. The ASL can be set to any speed between 18 mph (30 km/h) and 150 mph (240 km/h).

Note: *Although ASL only operates at speeds between 18 mph (30 km/h) and 150 mph (240 km/h), the maximum speed can be set when the vehicle is stationary.*

SETTING A SPEED LIMIT

- Press the **ASL** button.
- Use the cruise control increase/decrease buttons to set the required speed. The message center display in the instrument panel will show the selected speed.
- The set speed can be adjusted at any time, using the cruise control increase/decrease buttons.

When ASL is selected and a set speed inserted, the engine will respond normally up to the set speed. Further accelerator pedal pressure will not increase the vehicle speed beyond your set speed, unless kickdown is initiated, in which case ASL will be suspended.

SUSPENDING ASL

ASL can be suspended by pressing the **CAN** button. Applying sudden, rapid acceleration (kickdown) will also suspend ASL.

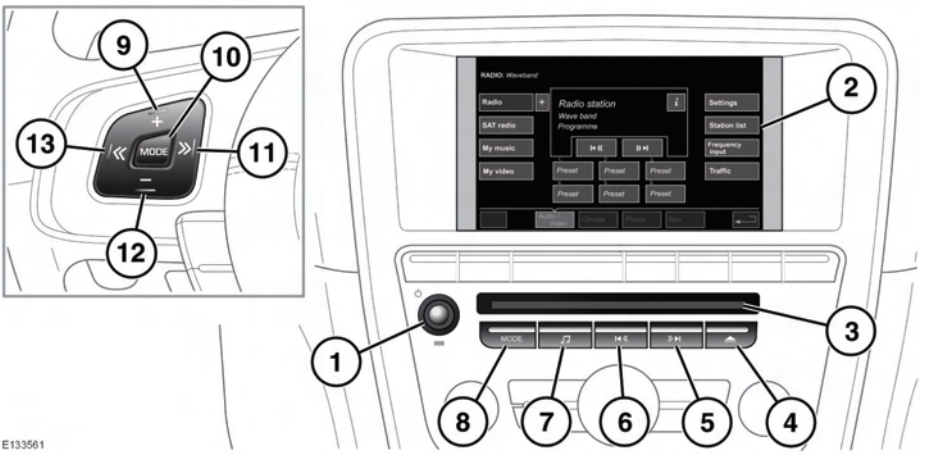
RESUMING ASL

If ASL has been suspended, it can be reinstated with a single press of the **RES** button. However, ASL will only reinstate if the vehicle speed is less than the current speed set in memory and greater than 18 mph (30 km/h). The message center will display an appropriate message if the vehicle speed is too fast to resume ASL.

ASL WARNING LAMP

Illuminates (green) when Automatic Speed Limiter is active.

AUDIO/VIDEO CONTROLS



⚠WARNING

Do not adjust the main audio unit's controls or allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

⚠CAUTION

Sustained exposure to high sound levels can damage your hearing.

1. On/off and volume control:
   - Press to switch the system on/off.
   - Rotate to adjust volume level (displayed on the touch screen).

   Note: *The audio system operates with the ignition on or off but will switch off with the ignition and needs to be switched on again. If the engine is switched off the audio system will close down after 10 minutes to preserve the battery.*
2. Touch screen.
3. CD load and eject slot.
4. Eject: Press to eject a CD.
5. Seek up:
   - Short press to auto-seek to the next radio station or next track on chosen audio source.
   - Long press to activate manual-seek, scan forwards through a track.
6. Seek down:
   - Short press to auto-seek to the previous radio station or previous track on chosen audio source.
   - Long press to activate manual-seek, scan backwards through a track.
7. Settings button: Press to display audio Settings menu.
8. **MODE**: Press repeatedly to scroll through all audio/video sources.
9. Press to increase volume.
10. **MODE**:
    - Short press to scroll through all audio/video sources.
    - Long press to scroll through audio/video source subselections, e.g. FM1, FM2, AM1, AM2.

11. Seek up:

- Short press to select the next radio preset or next track on chosen audio source.
- Long press to seek to the next radio station.

12. Press to decrease volume.

13. Seek down:

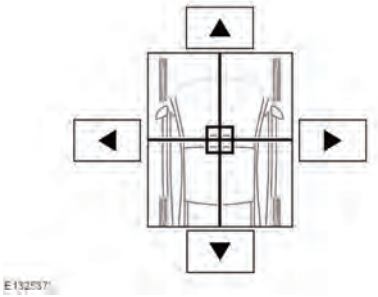
- Short press to select the previous radio preset or previous track on chosen audio source.
- Long press to seek to previous radio station.

AUDIO SETTINGS

To view the audio settings menu, press the Settings button (**7**).

To adjust the sound settings:

- Touch the **+** or **-** soft keys to adjust Bass, Treble or Subwoofer levels.
- If surround sound is fitted, touch the appropriate soft key to select **DPL II X**, **DTS Neo6** or select **Stereo** to switch surround sound off.



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To adjust balance and fade:

- From the Sound settings menu, select **Balance/Fade**.
- Touch the arrow soft keys to move the sound focal point to the desired area of the vehicle (the focal cross-hairs will appear red when not in the default position).

LICENSING

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Covered by one or more of the following U.S. Patents: 7,295,673; 7,460,668; 7,519,274 EOM.

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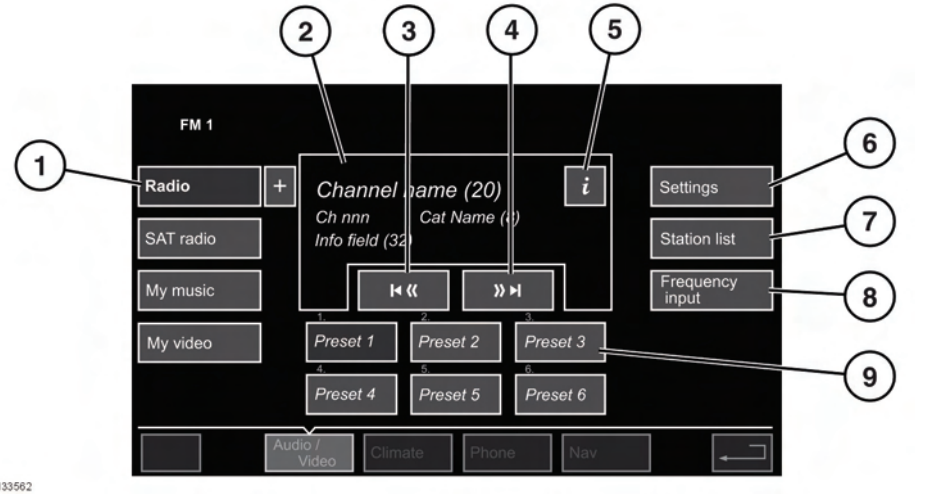
RADIO CONTROLS



⚠WARNING

Do not adjust the main audio unit's controls or allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

1. Waveband selection: Touch to view and select a waveband. The radio will tune to the last used station on that waveband.

   The waveband selection box will close after 5 seconds without use or can be closed manually by selecting **Radio** again.

2. Displays information about the current station. Some of this information is also displayed in the instrument panel.

3. Seek down:
   - Short touch to auto seek down the frequency to the next radio station.
   - Long touch to activate manual seek mode. Further short touches change the frequency in single decrements. A further long touch will scan backwards through the current waveband until the soft key is released.

4. Seek up:
   - Short touch to auto seek up the frequency to the next radio station.
   - Long touch to activate manual seek mode. Further short touches change the frequency in single increments. A further long touch will scan forwards through the current waveband until the soft key is released.

5. Radio text: If selected, the radio text broadcast by the radio station will be displayed in a pop-up.

6. Radio settings: Touch to view and activate/deactivate the following features: **RBDS** and **HD Radio**. See **109, RADIO BROADCAST DATA SYSTEM (RBDS)** and **110, HD RADIO™ TECHNOLOGY**.
7. Station list (FM only): Select to view a list of all available stations on the waveband. The list can be sorted by **Frequency**, **Name** or **Category** (pop, news, sport etc.), by selecting the appropriate soft key. Touch to select the chosen station.

   If the stations are sorted by category, touch the chosen category to view and select a corresponding station.

   Note: *Search by name or category are only available with RBDS activated.*

   Autostore (AM only): Select to store up to 6 of the strongest stations on the AM waveband. A progress pop-up is displayed.

   Stations stored using Autostore are available as presets on the AMA waveband.
8. Frequency input: Select to enter a known frequency of a station on the current waveband, using the numeric keypad that appears. Select **OK** or wait for 2 seconds to tune to the entered frequency.
9. Station presets: Each waveband has 6 preset positions.
   - Touch and release to tune to the station stored on that preset.
   - Touch and hold to store the current station on that preset (the radio will mute while the station is stored).
   - Use the seek buttons on the steering wheel to change to the next or previous preset station.

RADIO BROADCAST DATA SYSTEM (RBDS)

Your radio is equipped with RBDS which enables the audio unit to receive additional information with normal FM radio signals.

When tuned to certain stations on the FM waveband, the radio decodes signals transmitted to provide the functions listed below (dependent upon the service available from the broadcasters).

Note: *Not all FM radio stations broadcast RBDS information.*

- RBDS station name display. The station name will not display if it is not available from the broadcast or if RBDS is unavailable due to loss of reception.
- RBDS Priority program type auto re-tuning (where broadcast): This allows a station to be categorised by program type (rock music, current affairs, news etc.). This in turn allows you to search for a station by choosing the name or type of program you wish to listen to - see item **7**.

To switch RBDS on and off:

- Select **Settings** from the radio Controls menu (item **6** under **108, RADIO CONTROLS**).
- Select **RBDS Off** to deactivate or **On** to activate.

ALERTS

The ALERT! option in the Category section of the Station list (see item **7**) will alert you to a crisis of national or international importance. Any radio broadcast or other audio playback will be interrupted. When such a broadcast is made, an ALERT pop-up will be displayed on the touch screen. The pop-up can be cancelled, but the audio alert will continue to broadcast until finished or until the radio station or audio source is changed.

HD RADIO™ TECHNOLOGY

HD Radio™ systems provide digital radio broadcasts on AM/FM radio alongside the analogue radio signals. HD Radio technology is capable of providing improved audio quality compared to the analogue broadcast.

The HD Radio digital signal is transmitted at the same frequency as the analogue signal and can also provide additional multicast channel services where available.

To switch the HD Radio feature on and off:

- Select **Settings** from the radio Controls menu (item **6** under **108, RADIO CONTROLS**).
- Select **HD Off** to deactivate or **On** to activate HD Radio.

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HD RADIO™ RECEIVER OPERATION

HD Radio™ technology operates in a very similar way to the standard AM/FM system. Information on storing stations, waveband selection etc., is given under **108, RADIO CONTROLS**.

When an HD Radio signal is detected and received, the tuner gradually blends automatically between the analogue and the digital audio.

Note: *During this process, a change in volume levels may be experienced. The volume matching between the analogue and digital signal is dependent upon the broadcaster.*

If a digital signal is unavailable, the AM/FM analogue signal is automatically selected. If the signal is lost when listening to a multicast service, the audio will be muted.

When tuned to an HD Radio channel, the station name shown in the display, is prefixed by **HD**. If there are multicast services available, the station name will be prefixed by **HD1**.

TUNING TO MULTICAST SERVICES

Multicast services (extra digital audio channels) can be received on HD Radio™ channel broadcasts. Their availability is dependent upon the channel broadcaster. If an HD Radio channel features multicast services, **HD1** will be displayed.

To access any available multicast services, use the seek buttons on the audio unit. The selected service (HD2, HD3 etc.) will be displayed.

Note: *If the last of the multicast stations is passed when using the seek arrows, then the next analogue station will be selected. There will be a delay while the unit tunes to the next available analogue frequency.*

Multicast channels can be stored as presets and used as normal. When recalling a multicast preset, a short delay may be experienced during which the audio is muted.

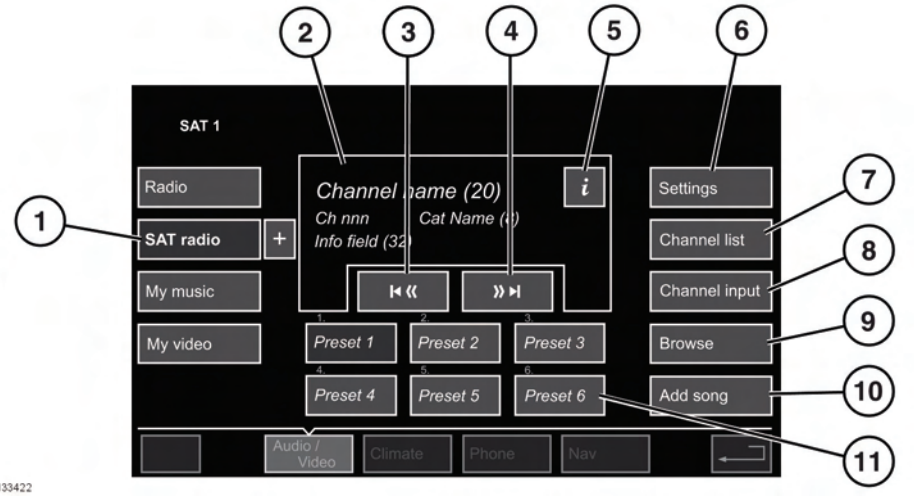
If the signal is lost when listening to a multicast service, the audio will be muted.

POOR RECEPTION AND AUTO SWITCHING

In areas of poor reception due to signal masking and transmitter strengths, the HD Radio™ system may switch between the HD Radio primary signal and the corresponding analogue broadcast more frequently. If tuned to a multicast service, the audio may mute more frequently.

If poor reception and auto switching becomes unacceptable, it is recommended that HD is switched off or the user tunes to an HD Radio service with better coverage in their location.

SATELLITE RADIO CONTROLS



⚠WARNING

Do not adjust the main audio unit's controls or allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

1. Satellite band selection:
   - Touch to select satellite radio.
   - Touch **+** to view and select a band (**SAT 1**, **2** or **3**). The radio will tune to the last used channel on that band.

   The Satellite band selection box will close after 5 seconds without use or can be closed by selecting **SAT radio**.
2. Display showing the current channel, the associated Category and relevant radio text. This information is also displayed in the instrument panel.
3. Seek down: Touch to seek previous available channel.
4. Seek up: Touch to find the next available channel.
5. Channel information: Touch to view a pop-up of information broadcast by the channel.
6. Settings: Touch to view the Settings menu.
   - **Options**: To activate/deactivate Song seek and to view and edit the Song memory.
   - **Channel skip**: Select individual channels or entire categories (select **Skip all**) from the list. The selected channels/categories will be skipped when using the Seek controls.
   - **Parental lock**: Select individual channels or entire categories (**Lock all**) from the list. Locked channels/ categories cannot be selected without first entering the correct PIN. A 4-digit PIN needs to be entered to access the parental lock area. The default PIN is "0000" Select Edit PIN to change the PIN.

Note: *If the PIN is forgotten, it can be reset by touching and holding Parental lock for 10 seconds, then touching and holding SAT information for 10 seconds.*

- **SAT information**: Select to view your SIRIUS ID number and subscription contact number.

7. Channel list: Touch to view a list of available categories. Select the desired category to view the list of corresponding channels. Make your channel selection from the list.
8. Channel input: Select to use the numerical touch-pad to enter a 3-digit channel number (e.g. 012), then select **OK** to tune to that channel.
9. Browse: Select from the list of categories to view the details (channel number, artist and title of current track) of the channels in the selected category.

   Note: *If there is more information than can fit on the display, select* ***i*** *to view all the information available.*

   Select a channel from the list to tune to that channel (list is still displayed for further browsing).
10. **Add song**: Select to add the currently playing track to the song memory. The track can be subsequently selected for playback if the audio system detects that it is being broadcast by a subscribed channel (see **SONG SEEK**).

    If the song memory is already full, and the vehicle is stationary, the option to edit the memory is available on a pop-up screen. Delete an existing track from the memory, to allow the current track to be stored.
11. Channel presets: Each SAT band has 6 preset positions.
    - Touch and release to tune the radio to the channel stored on that preset.
    - Touch and hold to store the current channel on that preset (the radio will mute while the channel is stored).
    - Use the seek buttons on the steering wheel to select the next or previous preset channel.

    Note: *If you attempt to select a preset channel that is now unavailable or invalid,* ***No channel found*** *is displayed.*

SUBSCRIPTION SETUP

Channel 184 (The Weather Channel) is available as a preview channel for a limited time only. Once the preview has expired, or to receive further satellite radio stations, you will need to subscribe to SIRIUS.

From inside your vehicle, call SIRIUS using the displayed number. You will need your credit card details and the SIRIUS ID number (also displayed on-screen).

Note: *With a Bluetooth® phone paired and connected to the vehicle, you can touch the green phone icon to call the SIRIUS subscription line.*

SATELLITE RADIO RECEPTION

Satellite radio can significantly increase the number of radio channels available.

Where satellite signal strength is adversely affected by terrain, ground transmitters are used to relay the signal.

Note: *If any auxiliary electrical equipment is connected to the vehicle, then this may reduce the radio sound quality.*

SONG SEEK

If a subscribed channel is broadcasting a track that is stored in the song memory, a pop-up will be displayed giving you the option to tune to the channel playing that track.

CHANNEL UPDATE

Channel line-ups will be automatically updated. When this occurs, the audio will mute and **Updating channels…** is displayed along with a progress bar. Once the update is complete, the radio will tune to the last tuned channel or if the last tuned channel is now invalid, the radio will tune to the lowest channel number available.

PORTABLE MEDIA

⚠WARNING

Do not adjust the auxiliary device or allow the device to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

⚠WARNING

Make sure that any auxiliary devices are stored securely while the vehicle is in motion. Any loose objects are potential hazards during sudden manoeuvers, emergency braking situations or accidents.

NOTICE

Do not place any item connected to the auxiliary input socket or the auxiliary power socket on the seats, carpets or other upholstery. The heat generated by these devices may cause damage to the vehicle and, in some cases, fire.

NOTICE

Read the manufacturer's instructions for any device, before it is connected to the audio system.

PORTABLE MEDIA CONNECTIONS

Portable media devices can be connected to the front media hub located in the cubby box and the rear media hub located in the rear center armrest. Compatible portable devices include:

- USB mass storage devices (e.g. a memory stick). Devices must use FAT or FAT32 file format.
- iPod® (iPod Classic, iPod Touch™, iPhone and iPod Nano are supported - full functionality for older devices cannot be guaranteed). iPod Shuffle functionality cannot be guaranteed.
- Auxiliary device (personal audio, MP3 players, all iPods).

  Note: *Auxiliary devices have no touch screen control.*
- Auxiliary device connected with a composite audio/video connection.

  Note: *Auxiliary devices have no touch screen control.*
- Devices with Bluetooth® connectivity. Devices must support A2DP and AVRCP Bluetooth® protocols.

If you are connecting an iPod, mass storage or Bluetooth® device, use the touch screen to operate and search the device. Many of the controls are similar to those available for CD play.

NOTICE

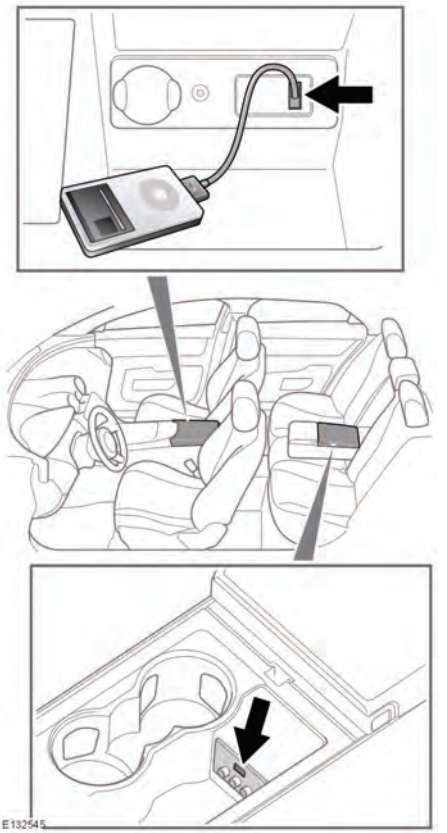
Please disconnect your iPod when leaving the vehicle. Failure to do so may result in the iPod battery discharging.

Note: *The audio system will play MP3, WMA and AAC files.*

To maximize playback quality, it is recommended that lossless compression is used for the iPod. If files on the iPod or USB are compressed it is recommended that the files utilize a minimum bitrate of 192 kbit/s (although a higher bitrate is strongly recommended).

Note: *Some MP3 players have their own file system that is not supported by this system. To use your MP3 player, you must set it to USB Removable Device or Mass Storage Device mode. Only music that has been added to the device in this mode can be played.*

CONNECTING A DEVICE



Connect the device into the appropriate socket in the cubby box or rear center armrest.

Note: *Use the cable supplied with your media device to connect to the USB socket.*

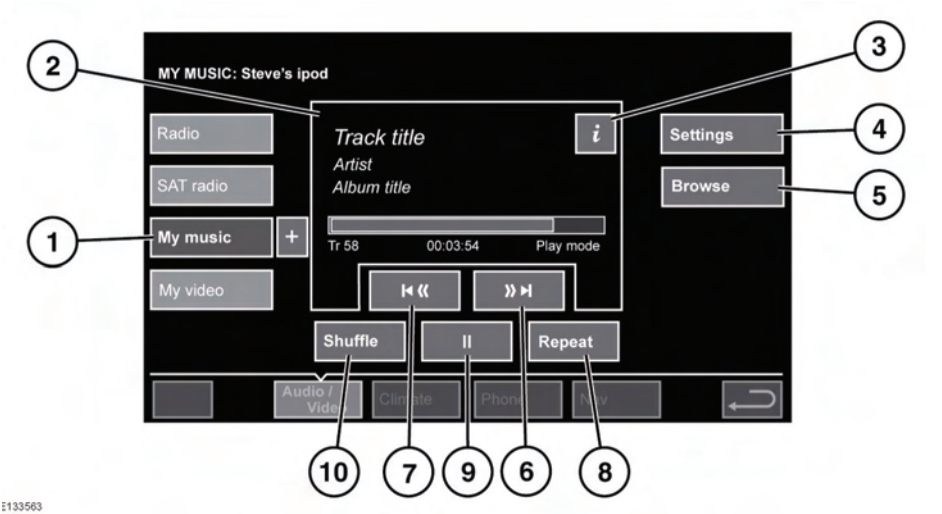
- On the touch screen Home menu, select **Audio/Video**. Then select **My music**.
- Select the required device (**iPod, USB**, **Bluetooth** or **AUX**). Playback will start and the playback control menu is displayed.

Note: *You can also press the **MODE** button repeatedly to select the chosen device.*

When an iPod is connected, playback will continue from the point at which it was last playing, provided the iPod battery is in a good state of charge.

When a USB device is connected, playback will start from the first track in the first available folder. If a device is already connected when **My music** is selected, playback will continue from the point at which it was last playing.

PORTABLE MEDIA CONTROLS



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⚠WARNING

Do not adjust the main audio unit's controls or allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

1. Touch to select the type of portable media device (**iPod**, **USB**, **Bluetooth** or **AUX**). Selection of CD playback is also made from this menu.
2. Display of information about the current track, including elapsed run-time. Some of this information is also displayed in the instrument panel.
3. Select to view more detailed information about the current track.
4. Select to switch traffic and news announcements on or off.

   Additionally, for USB devices, you can select the number of list entries that are skipped when you use the page up/down arrows when navigating a list.
5. Browse (iPod/USB only):
   - Select to view the contents of the connected device which are displayed as dictated by the file structure.
   - Select a file to start playback (Browse view will remain). Select a folder or sub-folder to view their contents.
   - To return to the Controls menu, select the Back soft key.
6. Skip/Scan forward:
   - Touch and release to skip to the next track.
   - Touch and hold to scan forwards through the current track. Playback will resume when the soft key is released.
7. Skip/Scan backward:
   - Touch and release within 3 seconds of track playback to skip to the previous track.
   - Touch and release after 3 seconds of track playback to skip to the beginning of the current track.

- Touch and hold to scan backwards through the current track. Playback will resume when the soft key is released.

8. Repeat:
   - Select to repeat the current folder (USB) or repeat playlist (iPod).
   - Select again to cancel Repeat mode.

   Note: *Repeat mode is not available for Bluetooth® devices.*

   Note: *Selecting **Shuffle** (**10**) will cancel Repeat mode.*
9. Pause/Play: Select to pause playback. Select again to resume playback.
10. Shuffle:
    - Select once to play random tracks in the current folder (USB) or playlist (iPod). **Shuffle folder** or **Shuffle playlist** is displayed.
    - Select again to play random tracks from all folders (USB). **Shuffle all** is displayed.
    - Select again to cancel Shuffle mode.

    Note: *Shuffle mode is not available for Bluetooth® devices.*

PLAYING A PORTABLE DEVICE

If you are using a USB mass storage device or approved iPod, you can control playback using the touch screen controls.

If you are using a Bluetooth® device, you can control playback using the touch screen, but some controls are unavailable.

If you are using any portable media device via the AUX socket, then you must control playback from the device itself.

CONNECTING MULTIPLE DEVICES

NOTICE

Do not plug non-audio devices into the USB port.

You can connect multiple devices simultaneously to the portable media interface and switch between them using the touch screen. Select **iPod**, **USB**, **Bluetooth** or **AUX**, to switch between modes.

The device docked first will remain the active device until you choose to change.

If, after changing to the newly-docked device, you change back to the first device, play will resume at the point you left it (USB and iPod only).

Note: *You cannot use a USB hub to connect more than one USB device to the audio unit.*

Note: *Devices connected to the iPod and USB ports will be charged, but devices that are fully discharged will not play.*

Note: *Options such as **Repeat** and **Shuffle** relate to the device currently playing; they will not apply to any subsequent device.*

PAIRING AND CONNECTING USING THE MEDIA PLAYER

For further information on Bluetooth®, see **130, BLUETOOTH® INFORMATION**.

Note: *The process of pairing and connecting your media player with the vehicle using the media device will vary depending on the type of media player.*

1. Switch on the ignition and ensure the touch screen is active.
2. From the My music menu, select **Bluetooth**, then select **Use device**.

   Note: *The vehicle's Bluetooth® system is only discoverable for 3 minutes.*

3. Using the media player, search for Bluetooth® devices. On some media players this is referred to as new paired device. See your media player's operating instructions for further information.
4. When the vehicle's Bluetooth® system is discovered (named Jaguar XJ), follow the on-screen instructions. Select **Yes** when prompted, to confirm the pairing.
5. When prompted, enter the Bluetooth® PIN (Personal Identification Number) and select **OK** to confirm.

   Note: *The vehicle's Bluetooth® PIN must be the same number as entered on the media player.*
6. Once your media player is paired and connected to the system, a confirmation message will be displayed, before the control screen is shown.

   Note: *Some media players do not automatically connect and need to be manually connected, via the device or by using the* ***Change device*** *option.*

PAIRING AND CONNECTING A BLUETOOTH® DEVICE USING THE TOUCH SCREEN

For further information on Bluetooth®, see **130, BLUETOOTH® INFORMATION**.

1. Switch on your media player's Bluetooth® connection, using the media player's menu. Make sure that your media player is in Bluetooth® 'discoverable' mode, sometimes referred to as 'find me' mode (see your media player's operating instructions for more information).
2. Switch on the ignition and ensure the touch screen is active.
3. From the My music menu, select **Bluetooth**, then select **Search new**.
4. Identify your media player from the displayed list and select the corresponding **Pair and connect** option.
5. When prompted, enter the 4-digit code into your media player (see your media player's operating instructions for more information).
6. Once your media player is paired and connected to the system, a confirmation message will be displayed, before the control screen is shown.

Note: *Due to the duration of a Bluetooth® search, it is advised that the timeout to home screen feature is switched off before attempting to search for Bluetooth® devices. This setting can be changed within* ***Vehicle****,* ***Syst. settings****,* ***Display set****.*

AUTOMATIC BLUETOOTH RECONNECTION

If devices have already been paired and connected, when Bluetooth is selected from the My music menu, the system will automatically connect to the last used device (a confirmation pop-up appears). If the last used device is not present, then the system will search for other previously connected devices and automatically connect if one is found.

If no previously connected device is found, **No device connected** is displayed and the **Search new**, **Change device** and **Use device** options are given.

LOSS OF CONNECTION

If a loss of connection between the vehicle and the Bluetooth device occurs, a pop-up is displayed. Select **Reconnect** to automatically restore the connection. A confirmation pop-up will appear before the touch screen reverts to its previous mode.

CHANGING/DISCONNECTING A DEVICE

- From the playback control menu, select **Settings**.
- From the Settings menu, select **Register**.
- Select **Disconnect**. A confirmation pop-up will appear and then you will be given the option to **Search new**, **Change device** or **Use device** to connect to a different device.

LOADING COMPACT DISCS

NOTICE
Do not force the disc into the slot.

NOTICE
Do not use irregular shaped CDs and CDs with a scratch protection film or self-adhesive labels attached. It is likely that the disc will not eject and will block the CD mechanism. Such damage to a CD player will not be covered under warranty.

NOTICE
The CD unit will play compact discs that conform to the international Red Book standard audio specification. Playback of CDs not conforming to this standard cannot be guaranteed.

NOTICE
Recordable (CD-R) discs and re-writable (CD-RW) discs may not function correctly.

NOTICE
Dual format, dual-sided discs (DVD Plus, CD-DVD format) are thicker than normal CDs and consequently playback cannot be guaranteed and jamming may occur.

It is recommended that only high quality 4.7 in. (12 cm) circular discs are used.

The unit will play Compact Disc Digital Audio (CDDA) discs, MP3, WMA, WAV and AAC files.

The CD player will accommodate one disc at a time but up to 10 CDs can be uploaded onto the virtual store.

To locate the CD load slot and the eject button, see **104, AUDIO/VIDEO CONTROLS**.

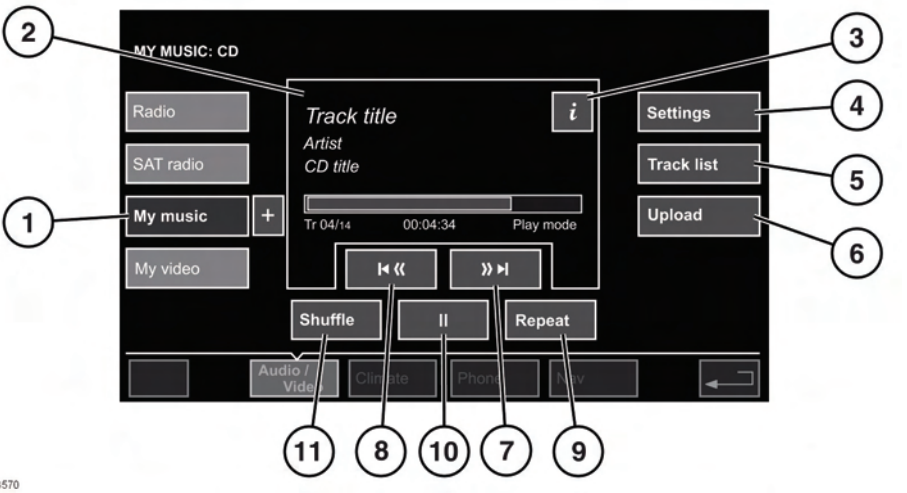
MP3 FILE PLAYBACK

If an MP3 CD is to be used, each session must be properly closed but the whole disc does not have to be finalized.

When Track list is selected, the list of folders and MP3 files is displayed in alphabetical order. Select a folder to view and select the tracks contained within.

- Only CDDA discs can be loaded into the virtual CD store.
- The highest compression rate supported, is 320k bits per second (kbps). If anything less than 128 kbps is used, Digital Signal Processing (DSP) functionality may be lost.
- The CD player may take a longer time to load an MP3 disc if there are more tracks than on a normal CD. To minimize loading time, a rigid folder structure is recommended.
- If a CD contains a mixture of MP3 and CDDA tracks, any MP3 tracks will be ignored.

CD PLAYER CONTROLS



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⚠WARNING

Do not adjust the main audio unit's controls or allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

1. Touch to select playback from either the current CD or from CDs uploaded onto the virtual CD store. Selection of portable media device playback is also made from this menu, see. **116, PORTABLE MEDIA CONTROLS**.
2. Display of information about the current track, including elapsed run-time. Some of this information is also displayed in the instrument panel.
3. Select to view more detailed information about the current track.
4. Select to adjust CD player settings.
5. Select to view the track list of the current CD or virtual CD. Select a track from the list to start playback.
6. Select to view and manage the CDs loaded onto the virtual store.
   - Select **Upload** alongside an empty slot to upload the current CD (up-loading may take several minutes).
   - If the virtual store is full, select **Replace** to overwrite an existing CD.

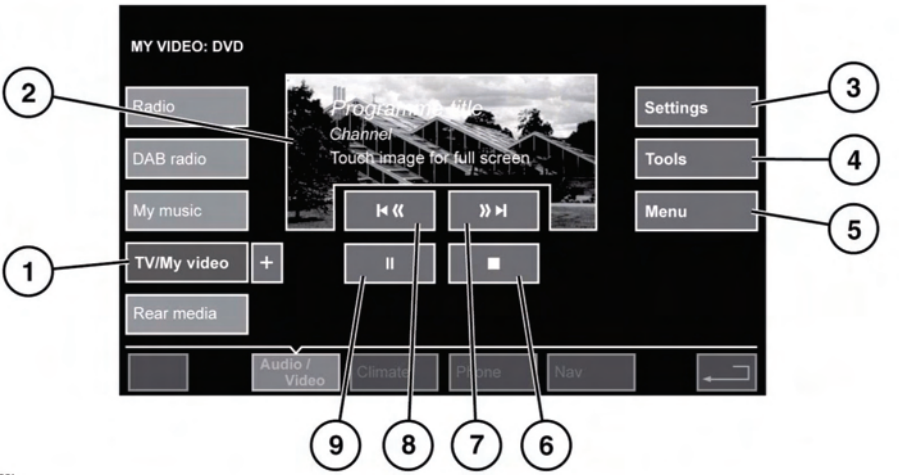
   In each case, a confirmation pop-up will appear. Select **Yes** to continue.
7. Skip/Scan forward:
   - Touch and release to skip to the next track on the current CD.
   - Touch and hold to scan forwards through the current track. Playback will resume when the soft key is released.
8. Skip/Scan backward:
   - Touch and release within 3 seconds of track playback to skip to the previous track.
   - Touch and release after 3 seconds of track playback to skip to the beginning of the current track.

- Touch and hold to scan backwards through the current track. Playback will resume when the soft key is released.

9. **Repeat**:
   - Touch and release once to repeat the current track continuously until Repeat mode is cancelled. **Repeat track** is displayed.
   - Touch and release again to repeat the current virtual CD (or folder for MP3 discs) continuously until Repeat mode is cancelled. **Repeat disc** is displayed.
   - Touch and release a third time to cancel Repeat mode.

   Note: *Selecting* ***Shuffle*** *(**11**) will cancel Repeat mode but* ***Repeat track*** *can be selected with Shuffle mode active (cancels the previously selected shuffle mode).*
10. Pause/Play: Select to pause playback. Select again to resume playback.
11. **Shuffle**:
    - Touch and release once to play random tracks on the current CD (MP3 folder). **Shuffle disc** is displayed.
    - Touch and release again to play random tracks from all virtual CDs (MP3 disc). **Shuffle all** is displayed.
    - Touch and release a third time to cancel Shuffle mode.

VIDEO MEDIA PLAYER CONTROLS



E132553

⚠WARNING

Do not adjust the main audio unit's controls or allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

1. Select to view and select the desired video source (**DVD/CD/USB**) provided the relevant media is present.

   Note: *USB video requires DIVX codec of MP4/mpeg format.*
2. Preview screen and video media information: Touch to select full screen mode.
3. Select to view the Settings menu.
4. Select to view the DVD tools options.
5. Select to view the DVD menu. This is replaced by a **Browse** soft key on some screens.
6. Select to pre-stop playback. A second touch will stop and reset the DVD.
7. Seek up: Select to view the next chapter on the video.
8. Seek down: Select to view the previous chapter on the video.
9. Select to pause/resume playback.

Note: *For information on the use of the audio/video controls on the audio unit and steering wheel, see.**104, AUDIO/VIDEO CONTROLS**.*

LOADING DVDs

NOTICE
Do not force the disc into the slot.

NOTICE
Do not use irregular shaped DVDs and DVDs with a scratch protection film or self-adhesive labels attached.

NOTICE
Recordable (DVD-R or DVD+R) discs may not function correctly.

NOTICE

Dual format, dual-sided discs (DVD Plus, CD-DVD format) are thicker than normal CDs and consequently playback cannot be guaranteed, and jamming may occur.

NOTICE

System does not play Blu-ray discs.

It is recommended that only high quality 4.7 in. (12 cm) circular discs are used.

To locate the DVD load slot and the eject button, see.**104, AUDIO/VIDEO CONTROLS**.

VIDEO MEDIA INHIBIT WITH VEHICLE MOVING

The video media should only be viewed from the driving position when the vehicle is stationary, with the gear selector in Park (**P**) and the parking brake applied.

If **P** is deselected or the parking brake is released, the touch screen will revert to the My video menu and the relevant safety message will be displayed.

SETTINGS

Depending on the video media specification, there are 2 sub-menus within settings: **Options** and **VOD** (Video On Demand). The VOD option allows you to access VOD content from a DVD or USB device. When the video is downloaded from the website, a registration code must be entered in order to watch the content. If an invalid code is entered, playback will be inhibited.

Touch the **VOD** soft key on the Settings screen to view the registration code.

FULL SCREEN VIEW

The video media menu displays a small preview image of the video. Touch the preview image to select full screen mode. The video media controls and the playback status information are displayed for 5 seconds before disappearing.

Touch the screen again to view the controls and status information at any time.

To return to preview mode, touch and hold the full screen view.

FULL SCREEN VIEW CONTROLS

The seek controls operate in the same manner as they do in preview mode.

Use the relevant soft key to select the **4:3**, **16:9** or **Zoom** option.

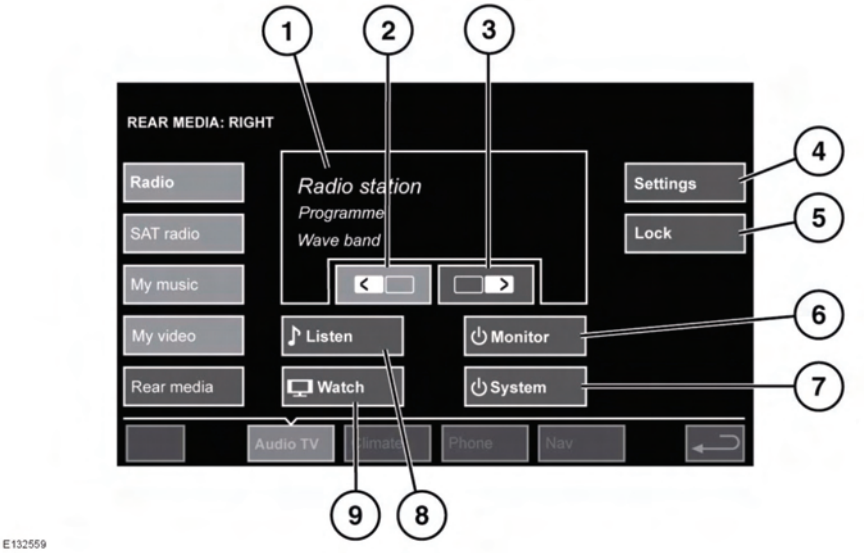
TOOLS

The tools menu contains the following options:

- Subtitles.
- Angle.
- Audio.
- GOTO.

  The GOTO menu allows you to access specific parts of the video, by **Chapter** or **Title**.

CONTROLS (FRONT TOUCH SCREEN)



⚠WARNING

Do not adjust the main audio unit's controls or allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

1. Current media display.
2. Left rear screen select.
3. Right rear screen select.
4. Settings screen.
5. Remote control lock.
6. Turns off the selected screen.
7. Rear media on/off.
8. Audio source select.
9. Video source select.

REAR MEDIA CONTROL FROM THE TOUCH SCREEN

When the main rear media control screen is displayed on the touch screen, the rear media remote control will be locked out. No part of the rear media system will operate until it is turned on via the touch screen.

REAR MEDIA SETTINGS

The rear media settings screen allows **Limousine Mode** and **Parental Control** to be turned on or off, and the **Age Warning** threshold to be set.

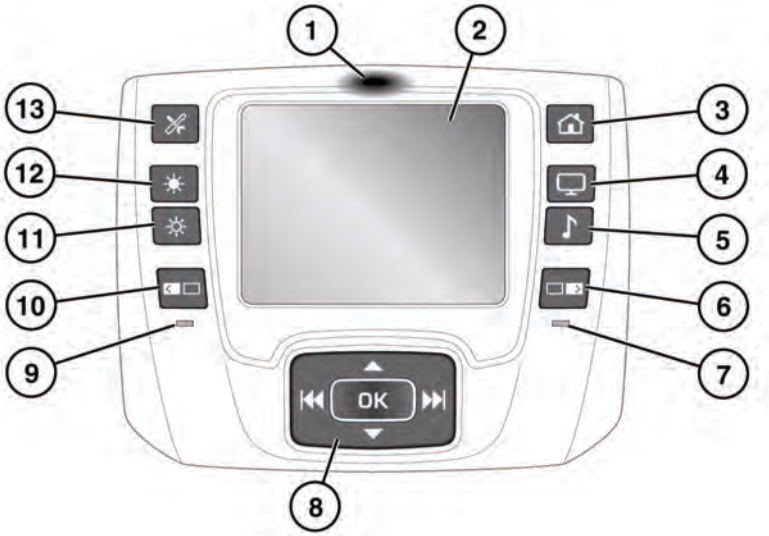
When **Limousine Mode** is on, the rear passengers will have control of the total cabin audio system via the remote control.

When **Parental Control** is on and the age limit is set, a message may be sent to the touch screen if the content is unsuitable.

Note: *It remains the responsibility of the parent or guardian, even with parental control on, to ensure that the content is suitable for children to watch.*

Note: *When Parental Control is off the age limit slider is hidden.*

TOUCH SCREEN REMOTE CONTROL



E132561

1. Press to undock remote control.

NOTICE

Do not press the touch screen to undock the remote control.

2. Touch screen.
3. Home screen.
4. Video source.
5. Audio source.
6. Right screen select.
7. Right screen tell-tale. Illuminates when right screen has been selected.
8. Cursor movement and option select buttons.
9. Left screen tell-tale. Illuminates when left screen has been selected.
10. Left screen select.
11. Touch screen brightness decrease.
12. Touch screen brightness increase.
13. Touch screen settings.

USING RSE

The system is operated using the remote control either while it is docked in the rear seat arm rest, or when it is removed and hand-held.

The remote is removed from the arm rest by pressing the top of the remote (**1**) to unlatch it.

NOTICE

Do not attempt to pull the remote control out of its docked position.

When the system is activated the remote control touch screen becomes active.

E132562

Using the appropriate button (**6** or **10**) or on screen soft key (right or left) to select the required screen, will allow options to be set and selected.

Note: *A help screen is available from each screen/menu. To view the help screen for guidance on the available functions and options, touch the question mark (**?**) icon.*

E132563

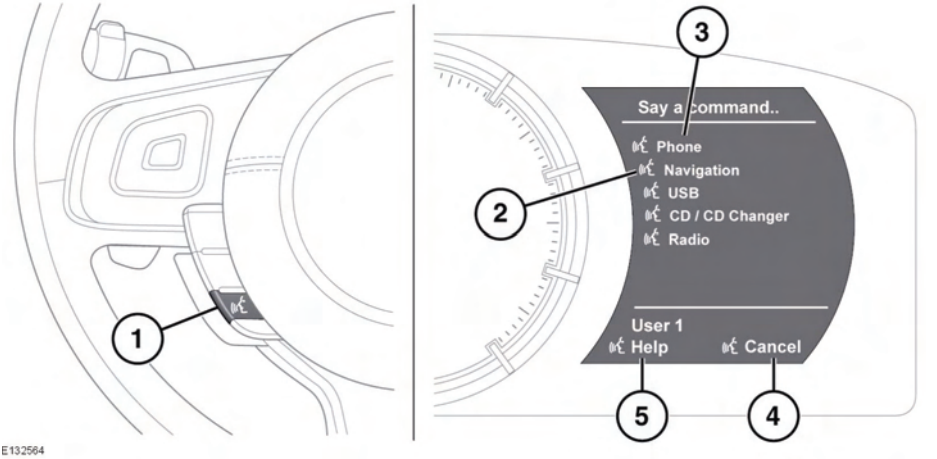
HEADPHONES

The volume control for each set of headphones is adjusted on the headphones.

REMOTE CONTROL BATTERY

The remote control battery is automatically recharged while the remote is docked. The battery is not serviceable and should not be changed or removed by the user.

USING VOICE CONTROL



⚠WARNING

Do not allow the telephone, navigation or touch screen systems to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

1. Voice button: Press briefly to start a voice session. Press and hold to cancel a voice session.

   Note: *Briefly press the Voice button during a voice session, to interrupt audible feedback. Wait for the tone to sound before giving the next command.*

2. Voice symbol: Indicates that a command is available. Wait for the symbol to appear (a tone will also sound) before using the command.
3. Command list. Provides feedback and available commands at each stage of the voice session.
4. When displayed, say **Cancel** to cancel the current voice session.
5. When displayed, say **Help** to get assistance during a voice session.

- Briefly press the Voice button to start a voice session.
- Wait for the command list to appear in the instrument panel. When the system is ready, a tone sounds and the voice symbols appear next to the commands.
- Say an available command.

  Note: *As the commands are listed before the system is ready to listen, it is important to wait for the voice symbol to appear alongside the relevant command, before using the command.*
- Wait for the list to update with any feedback and available commands for the next stage of the session. Wait for the tone to sound.
- Say the next command.
- Repeat this procedure until the chosen task is accomplished.

VOICE TUTORIAL

To listen to a tutorial detailing the operation of the Voice system:

- Briefly press the Voice button to start a voice session.
- Wait for the tone to sound, then say **Voice tutorial**.

The voice tutorial can be cancelled at any time by selecting **Cancel** on the on-screen pop-up or by pressing and holding the Voice button.

VOICE TRAINING

This is a feature designed to enable the system to better recognize the vocal characteristics of a user, once the training has been completed. To carry out Voice training:

- Select **Setup** from the Home menu.
- Select **Voice** and from the Setup menu.
- Select **Voice training** from the Voice settings menu.
- Select **User 1** or **User 2**, to start the training.
- Follow the on-screen and audible instructions.

The training session can be cancelled at any time by selecting **Cancel** from the on-screen pop-up or by pressing and holding the Voice button.

VOICE SESSION INTERRUPTIONS

Certain conditions will cause the current voice session to be cancelled, as follows:

- If a high priority warning appears in the message center.
- If there is no user input for a sustained length of time.
- Pressing any hard or soft button.
- Changes in cruise control.

After four seconds, you may press the Voice button to start a new voice session.

VOICETAGS

Voicetags enable the user to personalize the Voice system so that a single name can be used to call-up a navigation destination, telephone number or radio channel.

To add a Voicetag:

- Select **Setup** from the Home menu.
- Select **Voice** from the Setup menu.
- Select **Voicetags** from the Voice settings menu.
- Select the system which the Voicetag is to activate (**Phone**, **Navigation** or **Radio**).

Follow the on-screen and audible instructions.

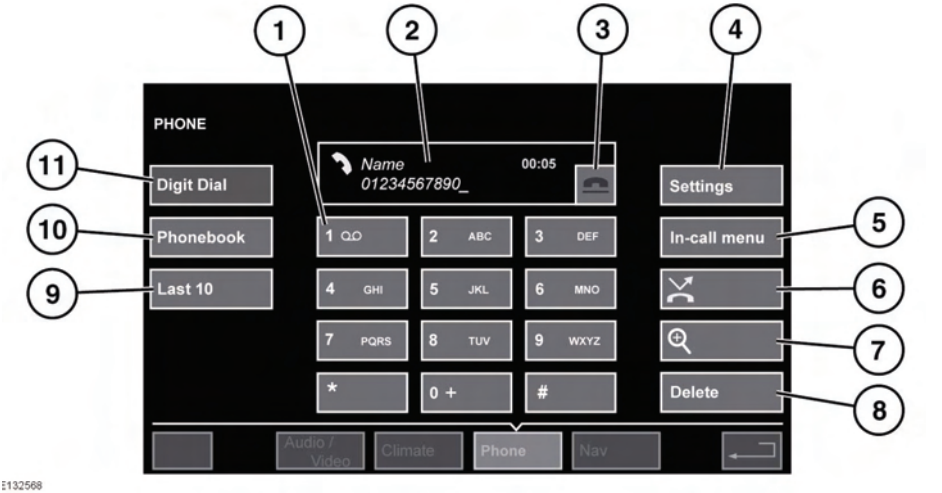
NAVIGATION POI VOICE COMMANDS

To request the display of POI (Point Of Interest) identifiers on the navigation display, say the command **Navigation**, followed by the name of the desired POI category from the list below (e.g. **Navigation Parking**).

- **Navigation (Gas Station | Gas)**
- **Navigation Parking**
- **Navigation Jaguar Dealer**
- **Navigation Hospital**
- **Navigation Police Station**
- **Navigation Golf Course**
- **Navigation Tourist Information**
- **Navigation (Restaurant | I'm Hungry)**
- **Navigation Shopping Mall**
- **Navigation Hotel**
- **Navigation Rest Area**
- **Navigation City Center**
- **Navigation ATM**

Icons will appear on the navigation display, indicating the locations of the selected POI. For further information about POIs, see **143, CATEGORIES AND SUB-CATEGORIES**.

TELEPHONE SYSTEM OVERVIEW



⚠WARNING

Do not adjust the main audio unit's controls or allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

1. Touch and hold to retrieve your Voice mail.
2. Status display. Displays the name and/or number dialed and call duration.
3. Call Connect/Disconnect icons. Touch to send/accept or end/reject a call.
4. Select to access the Settings options: Devices; Voice mail; Answer options and Phone options.
5. Select to access the in-call menu options; Mute microphone and Privacy mode.
6. Touch to activate/deactivate Auto reject. When active, any incoming calls will be rejected or diverted to voice mail (depending on mobile phone settings).
7. Select to enlarge the telephone keypad. Select again to return the keypad to the original size.
8. Touch and release to delete the last entered digit. Touch and hold to delete the whole entered number.
9. Select to access the last 10 dialled, received and missed calls.
10. Select to access the phonebook.
11. Select to access Digit Dial mode.

BLUETOOTH® INFORMATION

Bluetooth® is the name for short-range radio frequency (RF) technology that allows electronic devices to communicate wirelessly with each other.

The Jaguar Bluetooth® system supports Bluetooth® Hands-Free Profile (HFP) Advanced Audio Distribution Profile (A2DP) and Audio Video Remote Control Profile (AVRCP).

Note: *HFP and A2DP/AVRCP profile can be connected independently, so a phone can be connected via one, while a media device can be connected via the other.*

Before use, your mobile phone must be paired and connected with the vehicle's Bluetooth® system. This is done via your mobile phone or the touch screen. See **132, PAIRING AND CONNECTING USING THE TOUCH SCREEN** or **132, PAIRING AND CONNECTING USING THE MOBILE PHONE**.

Once a mobile phone has been paired and connected with the vehicle, the system will attempt to connect with the last connected phone, each time the ignition is switched on.

As these mobile phones have a wide range of audio and echo characteristics, it may take a few seconds for the vehicle's Bluetooth® system to adapt and deliver optimum audio performance.

To get the best performance and minimal echo and noise from the hands-free system, it may be necessary to reduce the in-vehicle volume and ventilation fan speed slightly.

TELEPHONE SAFETY

⚠WARNING

Even when using the Bluetooth hands-free feature, using your mobile telephone while you are driving is dangerous as it diverts attention from the traffic situation. If you wish to use your telephone, stop at an appropriate place where you are not endangering or inconveniencing other vehicles.

⚠WARNING

Drivers should only talk on their cell phones when it is safe to do so and when such use will not distract the driver from the road.

⚠WARNING

Drivers should never text message while driving. Texting while driving diverts attention from the road and can lead to accidents, causing serious injury or death.

⚠WARNING

Switch off your telephone in areas with a high explosion risk. This includes filling stations, garages, fuel storage areas or chemical factories, as well as places where the air contains fuel vapour (such as an open vehicle hood), chemicals or metal dust. The telephone could trigger an explosion, or cause a fire.

⚠WARNING

The functioning of cardiac pacemakers or hearing aids may be impaired when the phone is in use. Check with a doctor or manufacturer whether any such devices you or your passengers are using, are sufficiently protected against high-frequency energy.

The Health Industry Manufacturers' Association recommends that a minimum separation of 6 inches (15 centimetres) is maintained between a wireless phone antenna and a pacemaker, to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by, and recommendations of, Wireless Technology Research.

⚠CAUTION

Always stow your mobile phone securely. In an accident, loose items can cause injury.

TELEPHONE COMPATIBILITY

The vehicle's Bluetooth® telephone system can be used with an appropriate Bluetooth® equipped mobile telephone.

Note: *Some Bluetooth® mobile phones are better than others at utilising the full potential of the vehicle's Bluetooth® system.*

Please refer to the Ownership section of the Jaguar website at **www.jaguar.com**, for a list of compatible phones. Alternatively, please refer to your Dealer/Authorized Repairer.

Note: *The Bluetooth® equipped phones listed on Jaguar.com, have been tested for compatibility with Jaguar vehicles. Performance will vary, based on the phone's software version, battery condition, coverage and your network provider. Phones are warranted by their manufacturer, not Jaguar.*

The Bluetooth® system supports Bluetooth® Hands Free Profile 1.5 (HFP 1.5). If the mobile phone paired to the system also supports this profile, additional features will be available such as battery meter, signal strength and network operator. If the mobile phone does not support these features, they will not be available on the touch screen. If safe, refer to the mobile phone's display to determine these items.

PAIRING AND CONNECTING USING THE MOBILE PHONE

As an alternative to using the telephone system to search for the phone, it is possible to pair and connect to the system from the mobile phone.

Note: *The process of pairing and connecting the phone with the vehicle using the mobile phone will vary depending on the type of mobile phone used.*

1. Switch the ignition system on and ensure that the touch screen is active.
2. From the home menu, select **Phone**.
3. A menu will appear. Select **Use handset**.

   Note: *The time that the vehicle's Bluetooth® system is discoverable is limited to 3 minutes.*
4. Using the mobile phone, search for Bluetooth® devices. On some phones, this is referred to as new paired device. See the phone's operating instructions for further information.
5. When the vehicle's Bluetooth® system is discovered (named Jaguar XJ) by the mobile phone, use the phone to begin pairing. Either the mobile phone or the vehicle's Bluetooth® system will ask you to enter a Personal Identification Number (PIN). Enter any four-digit PIN and press **OK**.
6. Enter the same PIN into the other device.
7. Once the phone is paired and connected to the system, a confirmation message will be displayed before switching to the Digit Dial screen.

   Note: *Some mobile phones do not automatically connect and will require to be manually connected via the handset or using the* ***Change phone*** *option.*

PAIRING AND CONNECTING USING THE TOUCH SCREEN

1. Switch on the mobile phone's Bluetooth® connection using the phone's menu. Make sure that the mobile phone is in Bluetooth® discoverable mode, sometimes referred to as find me mode (see the phone's operating instructions for more information).
2. Switch the ignition system on and ensure the touch screen is active.
3. Select **Phone** from the home menu.

4. A menu will appear. Select **Search new**.
5. Identify the phone from the displayed list and select the corresponding **Pair and connect** option.

   Note: *If more than 5 phones are detected, it may be necessary to use the scroll bar to see the entire list.*
6. When prompted, enter the 4-digit code into the phone (see the phone's operating instructions for more information).
7. Once the phone is paired and connected to the system, a confirmation message will be displayed before switching to the Digit Dial screen.

Note: *Some mobile phones require the Bluetooth® pairing to be set as 'authorized' or 'trusted' in order to automatically connect. Please see the phone's operating instructions for further information.*

Note: *Due to the duration of a Bluetooth® search, it is advised that the timeout to home screen feature is switched off before attempting to search for Bluetooth® devices. This setting can be changed within* ***Vehicle****,* ***Syst settings****,* ***Display set****,* ***Timeout to home screen****.*

CHANGING THE CONNECTED PHONE

Up to 10 mobile phones can be paired with the vehicle in the same way. However, only one can be connected as a phone at any one time.

To connect a different paired phone to the vehicle, follow the steps below:

1. From the home menu, select **Phone**.
2. A menu will appear. Select **Change phone**.
3. Identify the phone from the displayed list and select the corresponding **Connect** option.
4. Once the phone is connected to the system, a confirmation message will be displayed before switching to the Digit Dial screen.

TELEPHONE SYSTEM ICONS

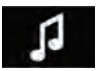
Connect icon. Use to send or accept a call

Disconnect icon. Use to end or reject a call.

Phone signal strength indicator.

Phone battery level indicator.

Phone device icon - indicates that a detected Bluetooth® device is a phone.


Media player device icon - indicates that a detected Bluetooth® device is a media player.

Scroll bar arrows. Use to scroll up or down lists of detected phones, calls or phonebook entries.

STEERING WHEEL CONTROLS

Connect switch. Press and release to send or accept a call or to access the last 10 dialled list. Press and hold to access the phonebook.

Disconnect switch. Use to end or reject a call.

No phone connected.

Voice control talk button.

Press to increase call volume.

Press to decrease call volume.

Press to scroll up or down lists of calls or phonebook entries.

CALL VOLUME

The phone call volume is operated by the audio system's volume control.

If the audio system is in use when a phone call is active, the audio system source is suppressed for the duration of the call. Navigation instructions and parking aid warnings are not suppressed.

DIALLING

Once your phone is connected to the vehicle's system, Digit Dial is the default screen in Phone mode.

Using the on-screen keypad, enter the required number and touch the connect icon to send.

Note: *When entering a number, you can change the phone number shown on the touch screen using the* ***Delete*** *button. A momentary touch erases a single digit, a long touch erases the complete number.*

PHONEBOOK

The vehicle system will automatically download contact information from the mobile phone to the vehicle's phonebook each time the it is connected to the system. The duration of this download varies per phone per contact list. For the duration of the download time Phonebook entries will not be accessible via voice control.

To enable/disable the Auto download feature:

1. From the Phone menu, select **Settings**.
2. Select **Phone options**.
3. Select **Phonebook**.
4. Select Auto download **Off** or **On**.

Note: *It is only possible to view the phonebook of the phone that is currently connected to the vehicle's system.*

To access contacts from the phonebook:

1. From the Phone menu, select **Phonebook**.
2. Using the alpha keys, select the letter you wish to search under. Repeated selections of the same key scrolls through the letters displayed on the keys.
3. Select **OK** to confirm.
4. Identify the required contact from the displayed list and touch to call. If a contact has more than one number stored, select the required number from the list.

   Note: *It may be necessary to use the scroll bar to see the entire list.*

   There are also options to view more contact information, by selecting the corresponding ***i*** key.

Certain mobile phones store the phonebook in two different areas, the SIM card and the phone memory. The vehicle will only download contact information from the phone memory. To ensure all contacts are downloaded, they must be copied from the SIM card to the phone memory.

If your phone supports contact type data, you will be able to see a contact type icon in the vehicle's phonebook directory. These can be seen on the right-hand side of each contact in the directory and will indicate one of the following types:

Voice (Default).

Mobile.

Home.

Work.

LAST 10 OPTION

The **Last 10** option allows you to view the last 10 calls made, received or missed.

1. From the Phone menu, select **Last 10**.
2. Select **Calls made**, **Calls received** or **Calls missed**.
3. Identify the required call from the displayed list and touch to call.

   Note: *It may be necessary to use the scroll bar to see the entire list.*

   There is also an option to view more contact information by selecting the corresponding ***i*** key.

Note: *The vehicle will display the list in the order the calls were recorded. If this information is not available, they will be displayed as they are sent from the mobile phone. Some phones may arrange the list in reverse or other order.*

Note: *If the mobile phone does not provide this list, the vehicle will create a Last 10 list. This list will be discarded when the phone is disconnected.*

SETTINGS

Depending on vehicle specification, there are up to 5 options in the **Settings** menu.

1. The **Devices** option allows you to disconnect the phone from the system, change the connected phone, search for a new Bluetooth® enabled phone or to enable a phone to discover and pair to the vehicle's system.
2. The **Voice mail** option allows you to save or edit the number of the voice mail server for your specified network provider.
3. The **Answer options** allows you to enable/disable the Auto answer and Caller announce features.
4. The **Phone options** allow you to set your desired ring tone either to the preset car ring tone, or to the handset ring tone. The Phone options also gives you access to the Phonebook options. See **134, PHONEBOOK**.

DECLARATION OF CONFORMITY

Export controls

This product contains commodities, technology or software exported from the United States in accordance with the Export Administration regulations. Diversion contrary to U.S. or Canadian law is prohibited.

United States of America

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Canada

IC-RSS-210: Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with FCC/IC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that is deemed to comply without maximum permissive exposure evaluation (MPE).

But it is desirable that it should be installed and operated with at least 20cm (8 inches) and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

USA FCC ID: A269ZUA130

Canada IC: 700BIAM2101

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: *This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.*

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

** Reorient or relocate the receiving antenna.*

** Increase the separation between the equipment and the receiver.*

** Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*

** Consult a Dealer/Authorized Repairer or an experienced radio/TV technician for help.*

THE NAVIGATION SYSTEM

Navigation instruction is by map and turn information displayed on the touch screen and can be complemented by voice guidance if required. A detailed intersection map is also displayed in the instrument panel. The system uses signals from Global Positioning System (GPS) satellites combined with information from vehicle sensors and from data stored on the hard drive, to establish the true vehicle position.

Note: *Mapping data loaded on the hard drive is relevant to the market in which the vehicle is first sold and will provide guidance and information only for that area. Your local Jaguar Cars Dealer will have details of software updates.*

Using this combination of data sources the vehicle navigation computer enables you to plan and follow a route map to your desired destination.

The touch screen is used to control navigation via menus, text screens and map displays.

USING THE NAVIGATION SYSTEM

⚠WARNING

In the interests of safety, only operate, adjust or view the system when it is safe to do so.

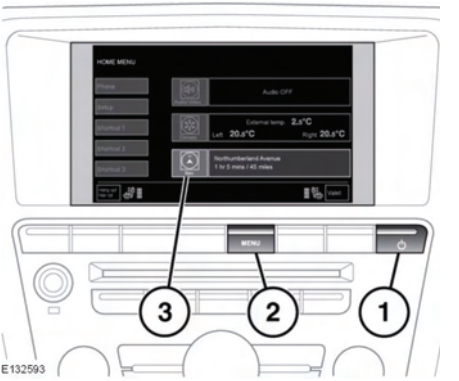
⚠WARNING

The navigation system is not a substitute for driving safely, with due care and attention. Drivers should not assume that a feature will correct errors in judgement in driving. The navigation system may not function properly in all circumstances.

⚠WARNING

Do not allow the system to distract the driver while the vehicle is moving. Driver distraction can lead to accidents causing serious injury or death.

If the screen is already displaying another function (radio, phone, etc.) touch either the back arrow or the **Menu** button below the touch-screen to access the Home Menu.

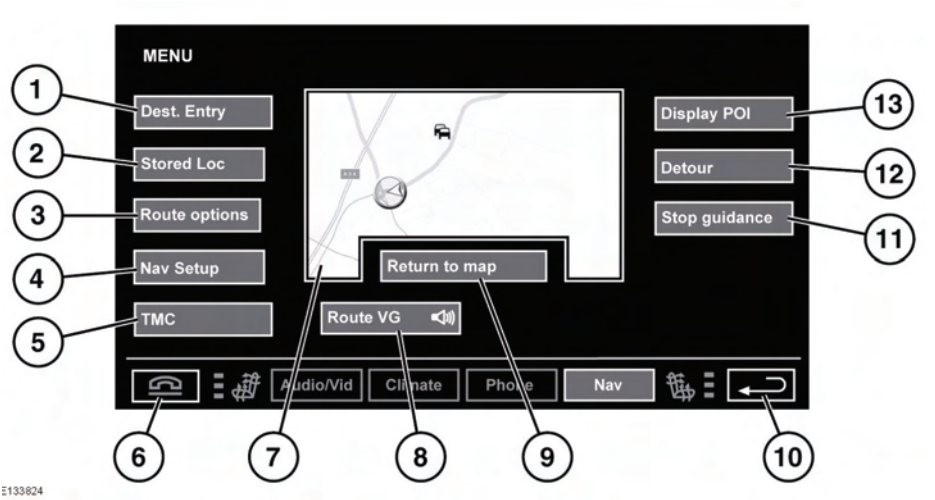


1. Touch screen on/off.
2. Return to the home menu.
3. Navigation soft key. Touch to select Navigation.

Select **Nav**.

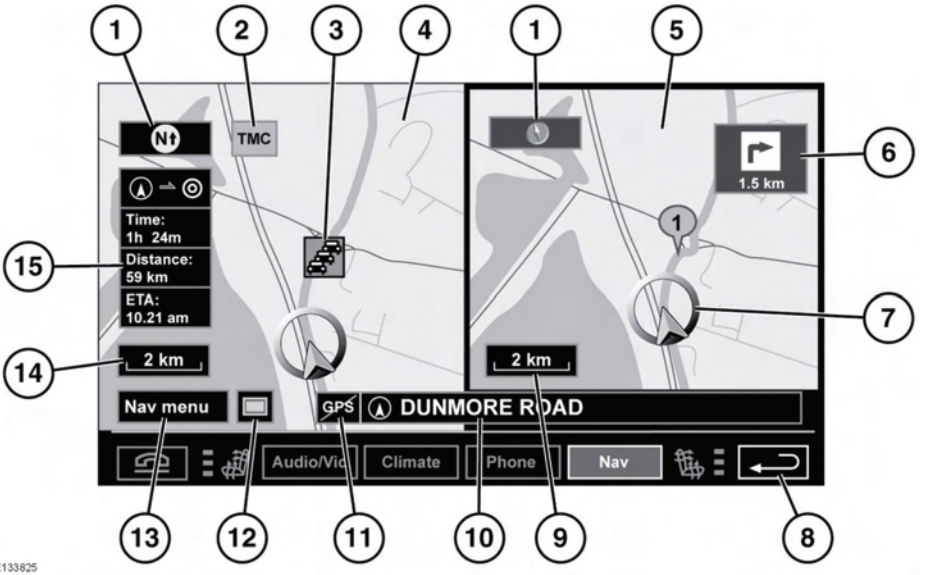
Read the caution and touch **Agree** or select **Language** if you need to select a different navigation language.

MAIN MENU



1. Provides a choice of options for entering a destination.
2. Manage the stored destinations.
3. Allows the user to select various options for the route.
4. Provides access to user selectable settings for the navigation system.
5. TMC (Traffic Message Channel). See **143, RBDS-TMC OVERVIEW**.
6. Repeats the previous guidance instruction.
7. Map screen. Displays current vehicle position.
8. Turn voice guidance messages on/off.
9. Advances to the main map screen.
10. Return to the previous screen.
11. Cancels current route guidance.
12. Allows the user to take a detour from the current route.
13. Allows the user to turn off POI icons from the map.

MAP SPLIT SCREEN



1. Compass (always indicates north). Press to select: north up, heading up or bird's eye map style.
2. TMC (Traffic Message Channel) information.
3. TMC event (traffic congestion).
4. Normal screen.
5. Split screen.
6. Next direction display.
7. Current vehicle position.
8. Return to the previous screen.
9. Split screen scale/zoom setting.
10. Current street location.
11. No GPS signal.
12. Screen mode selection.
13. Navigation menu.
14. Normal screen scale/zoom setting.
15. Distance/time to destination.

SCREEN MODES

Touch the screen mode selection button (**12**) to view a series of icons, each depicting a different screen mode (as detailed below). Touch the relevant icon to select the desired screen mode.

Full screen view.

Split screen view. A more detailed view of the local area and road system is displayed on the right.

Shows the next junction in the right half screen.

This view is only available when travelling on a freeway. It displays automatically to show remaining freeway exits along your route.

Shows list of forthcoming junctions and turn directions on the right half screen.

SEARCH AREA

The navigation map database is divided into States and Provinces, called search areas. When setting a route, the destination (or waypoint) being entered, must be in the currently selected search area.

Before attempting to set a destination or waypoint, set the correct search area as follows:

- Select **Dest. entry** from the main Navigation menu. The information window will show the currently selected search area.
- Select **Search area**.
- Scroll through the list and select the code that corresponds to the desired destination area.
- Select **OK**. The destination entry menu is shown and the information window shows the currently selected search area.

SETTING A DESTINATION

After touching **Agree**, the initial map screen is displayed, now select **Nav Menu**

From the Navigation Menu, select **Dest. Entry**.

Note: *If you wish to view the map without the buttons showing, touch* ***Return to map****. To display the buttons, touch* ***Nav Menu****.*

Select address from the **Destination** screen and input the town name.

Once sufficient letters have been entered, touch **List** to display all the possible towns.

If necessary, use the scroll arrows to the left of the list to search up or down. Select the town you require.

Now enter the road name. Once sufficient letters have been entered, touch **List** to display all the possible roads.

Select the road you require.

Enter the house number of the address (if known) then touch **OK** to confirm.

If the house number is not known, press **OK** - the mid-point of the road is then used as the destination.

Note: *If a list of house number ranges is displayed, select the applicable range and then enter the number.*

The map screen showing the route settings and destination details is displayed.

START GUIDANCE

After touching **Destination**, the system will calculate the route.

There is now a choice to select **3 Routes**, **Change route** or to **Start** navigation guidance.

Touch **3 Routes** to display a choice of three different route options on the map.

The roads on the map are drawn in three different colors to highlight each route.

Select route **1**, **2** or **3** by touching the respective box displayed on the right side of the map.

Touch **Change Route** followed by **Route prefs.** to change the route settings. If a destination is already set, touch **Waypoint** to add a waypoint in the journey if required.

When you have made your selection, if any, touch **Start**.

Note: *As you approach a junction, in addition to the voice guidance, an inset on the map will display an enlarged view of the junction.*

EASY ROUTE

In **Route options**, **Easy Route** can be turned **On** or **Off**.

When **On** is selected, **Easy Route** changes the route calculation parameters of **Route 3** in order to reduce:

- Junctions.
- Turns.
- Turns that cross traffic.
- The priority of minor roads.
- Complex junctions and manoeuvres.

LEARN ROUTE

In **Route options**, **Learn Route** can be turned **On** or **Off**.

When **On** is selected, if you make the same deviation from the proposed route three times, then the system will memorize the deviation and offer that as the normal route from then on.

Select **Delete all** to delete any learnt routes and return to the default settings.

VOICE GUIDANCE

The last voice guidance message can be repeated by touching the speaker icon on the screen.

To turn voice guidance on or off but maintain route guidance, proceed as follows:

1. Touch the **Nav Menu** soft key.
2. Touch the **Route VG** soft key. The soft key will be highlighted when voice guidance messages are enabled.

CANCEL ROUTE GUIDANCE

To cancel guidance, touch **Nav Menu** on the touch screen, and then **Stop Guidance**.

QUICK POI SELECTION

Touch the Map screen to display the POI button. Touch the **POI** button. The screen shows six suggested categories, five of which can be selected as quick points of interest.

Note: *The POI icons will not be shown if the map zoom level is greater than ½ mile (1 km).*

Select a Quick POI category, or select **More** to see further POIs. Touch **OK** to confirm a selection.

The map screen with the POI icon(s) is displayed. Select the five POIs you wish to see when the Quick POIs are displayed.

RESTORE SYSTEM DEFAULTS

If you have made any changes to the system's default settings, use this menu to restore the original settings.

MEMORY POINTS

From the navigation menu, select **Stored Loc**. This enables you to manage destinations such as, place of work, home, favorite restaurant or areas to avoid.

From the Stored Locations menu you can save up to 400 memory points or add your home address.

Select **Memory Points** to add a stored location.

Touching any of the **Stored Locations** submenus allows you to **Add, Edit** or **Delete**.

Select **Add** to store a memory point.

MEMORY POINT DETAILS

- Touch **Info**. to display the details of the selected memory point.

The details include Icon, Name, Position and Tel.

The telephone number can be called by touching the telephone button if a mobile telephone is paired.

The memory point details can be edited from the **Stored Loc** screen.

EMERGENCY

Not all countries have this facility. Touch **Emergency** on the **Dest. Entry** screen to display a list of local police stations, hospitals or Jaguar Dealerships.

Press **Name** to display the list in alphabetical order or **Distance** to display the list in order of proximity to the current vehicle location.

Touch the name of the facility to set it as a destination or waypoint.

MAP

After selecting map, the local area map is displayed. Drag the circle to the area for your destination or waypoint, zooming in if required.

This location can be stored as a destination or waypoint.

COORDINATES

If you know the coordinates of your destination they can be entered from this screen. The full latitude must be entered first before the longitude coordinates can be entered. Touch **OK** to confirm.

If the coordinates entered are not contained within the area covered by the available maps, a message will be shown. This can also occur if the incorrect coordinates have been entered.

RECALLING A PREVIOUS DESTINATION

After selecting **Previous** from the menu, the screen shows a list of stored previous destinations. Select your destination by touching the bar. The details will be displayed for confirmation.

Note: *In some markets, list scrolling is not active while driving, to comply with legislation. Only the items shown at the top of the list can be selected.*

FREEWAY

From **Dest. Entry** select **Freeway**.

Enter the freeway name or number, then select an entrance or exit. All of the entrance or exit junctions for the chosen freeway are displayed.

The map showing the selected freeway and the selected exit junction is displayed.

The destination has now been set and the route is calculated.

POINTS OF INTEREST (POI)

Select **POI** from the **Dest. Entry** menu.

Touch **Name** to input the POI name, for example Gas to display fuel stations on the map, or touch **List** for a list of POIs.

Alternatively, choose **Category** to see all categories of POI and make your selection.

Use the scroll arrows to change pages.

Some POIs are sub-categorized, e.g. selecting **Community** will be further divided into:

- Community Center.
- Exhibition Center.
- Hospital.
- Park & Recreation.
- Town Hall

Note: *If entering a POI name results in too many matches being listed, try entering the town name first. If you do not know the name of the POI you want, try selecting a POI category.*

Note: *POI icons can only be displayed up to the ½ mile (1 km) zoom level.*

Once the POI has been selected the route is determined. Touch **Change route.** to change the route settings, or touch **OK** to start the route calculation.

JAGUAR DEALER LOCATIONS

Details of Jaguar Dealers are held on the Navigation System hard drive as a points of interest (POI) category. Certain Dealers may be located in areas that are not fully mapped on the hard drive. If a route is set to one of these Dealers, guidance may only be possible to the nearest town center; in this case a warning message will be displayed.

Note: *If Jaguar Dealers (or certain other categories, such as airports) are selected, they will be displayed across all search areas.*

ENTRY BY TOWN

If a town name is entered first, the points of interest listed will be restricted to that town.

- From the Input POI Name screen, touch **Town**.
- Enter the town name required.
- Touch **List** to display the list of possible towns.
- Select the town required.

The Input POI screen is displayed again.

- Enter the POI name required.

CATEGORIES AND SUB-CATEGORIES

The POI database is divided into a number of categories. Each main category is further divided into a number of sub-categories.

The first entry in the list of Restaurant sub-categories, is **ALL**. This selects all of the Restaurant sub-categories.

To narrow the search, touch the **Town** button. This will display the alpha keyboard to allow the desired town name to be entered.

LIST SOFT KEY

The **List** button can be used when the characters entered reduce the possible entries to a small enough number.

You can also select **List** (when active) without entering a POI name. All the relevant points of interest will be displayed, e.g. in a selected town or category.

ALL SOFTKEY

The **All** button shows a list of all POI categories.

LOCAL POI SEARCH

This selects the points of interest in all categories within 20 miles (32 kilometres) of the vehicle.

- Touch the **All Local POIs** button.

RBDS-TMC OVERVIEW

Radio Broadcast Data System-Traffic Message Channel (RBDS-TMC) is a feature that announces traffic hold-ups (while you are on your route) as broadcast by radio stations that transmit TMC information.

Touch the **TMC** button on the Navigation Menu to access the TMC menu.

Touch the **Change** button to begin a search of all radio stations being received in your locality.

The tuner will scan the FM frequency once. This may take a few minutes. **Searching** will be displayed while scanning is in progress.

When a station is found which is offering TMC information, the RBDS name is shown on the list and the search for more stations will continue.

You can stop the search at any time and select any stations presented on the list, by touching the **Change** button or the button next to the desired station in the list.

RBDS-TMC DISPLAY

When a TMC signal is received the icon in the top left of the screen will appear green. If a TMC signal is not being received, the icon will be shown with a bar through it.

The system will inform the driver of any TMC-reported roadworks, narrow road, contraflow, accidents, slippery road, diversion, information, parking information, congestion or other hazard.

The driver is informed of a traffic event as follows:

- A TMC Event icon shown on the map at the location of the event.
- Text can be displayed showing the details of each occurrence which can be selected either by touching the screen icon or from the traffic information list.
- Dynamic route guidance, which calculates an alternative route when the system receives the traffic event warning affecting the route currently set in the navigation system.
- Traffic event list shows all events sorted by road name/distance on your selected route in a straight line or along your actual route.

The information regarding the hold-up is maintained and updated even if the vehicle crosses into another country.

RBDS-TMC ICONS

Any traffic event (broadcast on TMC) in your area, will be displayed as a warning icon on the map and an alert may be displayed as a message giving the road number(s) and between which junctions the hold-up or event occurs. Voice guidance will also inform you of the hold-up when an event icon exists on the current route.

This data is stored in the system for up to 30 minutes.

The color of the TMC icon changes in order to show the type and priority of a TMC event. The background color of the icon returns to normal when there is no longer an event or hold-up, or if any re-route instructions are calculated.

The TMC Event icons appear on the navigation map display to indicate the location and nature of a TMC event.

TMC Event icons will appear on the map, even if the event does not occur on your route.

LEVEL 1 TMC EVENT ICONS

Incident (Red star)

Moving traffic queue ahead (Red arrow)

Moving traffic queue, both lane (Red double arrow)

Slow traffic ahead (Yellow arrow)

Slow traffic, both lanes (Yellow double arrow)

Information (Yellow circle)

Incident (Yellow star)

Stationary traffic ahead (Red arrow pointing on line)

Stationary traffic, both lanes (Red double arrow pointing on line)

Note: *Single arrow icons indicate that the traffic event affects traffic travelling in the direction of the arrow. Double arrows indicate that both directions are affected.*

LEVEL 2 TMC EVENT ICONS

Other hazard (Yellow)

Roadworks (Pink)

Narrow road (Pink)

Contraflow (reversible lane) (Pink)

Accidents (Pink)

Slippery road (Yellow)

Diversion (Yellow)

Parking information (Gray)

Information (Gray)

Congestion (Red)

USING TMC

Note: *TMC only advises and re-routes when the navigation system is giving route guidance.*

Dynamic route guidance will calculate an alternative route to avoid a traffic event when the system receives an event warning. The system calculates a new route for all sections. However, if any way points are set, the system calculates for the next way point. If the event on route is serious (closed road) or if the new route is shorter than the current one and the current one was not recalculated within the last 5 minutes, then a message to confirm the new route will be displayed. This pop-up message will be displayed for 10 minutes and if the new route is not rejected, then the vehicle will follow the new route.

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SAFETY PRECAUTIONS

⚠DANGER

Do not smoke, use a naked flame or cause sparks while refuelling. The resulting fire and/or explosion may cause serious injury or death.

⚠WARNING

Avoid exposing the gasses to any potential sources of ignition as the resulting fire and explosion may cause serious injuries and/or death.

⚠WARNING

Switch off the engine when refuelling, as it is both a source of extreme temperatures and electrical sparks. Failure to do so may cause a fire or explosion.

⚠WARNING

Switch off any personal electronic devices such as mobile phones, or music players. They have the potential to trigger an explosion or a fire.

⚠WARNING

Do not overfill the fuel tank. Overfilling may cause spillage when the vehicle is driven. Spillage may also occur if the fuel expands in high ambient temperatures.

NOTICE

Do not use leaded fuels, lead substitutes or fuel additives.

NOTICE

Fuel system cleaning agents should not be used, unless approved by Jaguar. Unapproved products may be harmful to fuel system components on your vehicle.

NOTICE

Only use high quality fuel. Using lower quality fuels can damage the engine, fuel and emission control systems.

OCTANE RATING

Premium unleaded gasoline with a Cost of Living Council (CLC) or Anti Knock Index (AKI) octane rating of 91 or higher should be used.

NOTICE

Even a very small amount of leaded fuel will damage your vehicle's emission control system and could invalidate the emissions warranty. In addition, leaded fuel will damage the oxygen sensors in the fuel injection system and also seriously damage the catalytic converter.

Note: *Federal law requires that gasoline octane ratings be posted on the pumps.*

Using unleaded fuel with a lower than recommended octane rating, can cause a persistent, heavy engine knock (a metallic rapping noise). If severe, this can lead to engine damage.

Note: *Mid or regular grade gasoline with a CLC or AKI octane rating of not lower than 87 may also be used, but performance and fuel economy will be reduced.*

If heavy knock is detected, even when using fuel with the recommended octane rating, consult your Dealer/Authorized Repairer to have the problem corrected. Failure to do so is misuse of the vehicle, for which Jaguar cars is not responsible.

Note: *An occasional light engine knock when accelerating or climbing hills is acceptable.*

ETHANOL

NOTICE

This vehicle is not suitable for use with fuels containing more than 10% ethanol. Do not use E85 fuels (85% Ethanol content). Equipment necessary for the use of fuels containing more than 10% Ethanol is not fitted to this vehicle. If E85 fuels are used, serious engine and fuels system damage will occur.

Fuels containing up to 10% Ethanol (grain alcohol) may be used. Ensure that the fuel has octane ratings no lower than those recommended for unleaded fuel. Most drivers will not notice any operating difference with fuel containing Ethanol. If a difference is detected, the use of conventional unleaded fuel should be resumed.

METHANOL

NOTICE

Wherever possible avoid using fuel containing Methanol.

Some fuels contain Methanol (Methyl or wood alcohol). If you use fuels containing Methanol the fuels must also contain co-solvents and corrosion inhibitors for Methanol. Also, do not use fuels which contain more than 10% Methanol even if they contain co-solvents and corrosion inhibitors. Fuel system damage or vehicle performance problems resulting from the use of such fuels is not the responsibility of Jaguar, and may not be covered under the warranty.

METHYL TERTIARY BUTYL ETHER (MTBE)

Unleaded fuel containing an oxygenate known as MTBE can be used provided that the ratio of MTBE to conventional fuel does not exceed 15%. MTBE is an Ether based compound derived from Petroleum, which has been specified by several refiners as the substance to enhance the Octane rating of fuel.

REFORMULATED GASOLINE

Fuels specially formulated to further reduce vehicle emissions are available from some petroleum companies. Jaguar recommends the use of reformulated gasoline where available.

RUNNING OUT OF FUEL

NOTICE

Avoid running out of fuel.

If the vehicle does run out of fuel, a minimum of 1.1 U.S. gallons (4 litres) will be required to restart the engine. The vehicle should be left with the ignition on for 5 minutes after refuelling before attempting to restart the engine.

Note: *If the vehicle does run out of fuel, seeking qualified assistance is advisable.*

FUEL FILLER FLAP

The vehicle must be unlocked using the Smart Key before the filler flap can be opened.

To open the fuel filler flap, press and release the rear of the flap to unlatch and then pull the flap open.

To close the filler flap, push the flap until latched closed.

Note: *The filler flap will only be locked closed when the vehicle is centrally locked.*

FUEL FILLER

⚠WARNING

Take note of all warnings and instructions given on the label affixed to the inside of the fuel filler flap. Failure to do so may result in injury or death.

⚠WARNING

When refuelling ensure that all windows, doors, and sunroof are fully closed, particularly if young children or animals are in the vehicle.

⚠WARNING

Do not attempt to fill the tank to its maximum capacity. If the vehicle is to be parked on a slope, in direct sunlight or high ambient temperature, expansion of the fuel could cause spillage, potentially leading to a fire or explosion.

NOTICE

Check the fuel pump information carefully to ensure that you are putting the correct fuel into the vehicle.

NOTICE

If the vehicle is filled with incorrect fuel, it is essential that you seek qualified assistance before you start the engine.

Fuel station pumps are equipped with automatic cut-off sensing to avoid fuel spillage. Fill the tank until the filler nozzle automatically cuts off the supply and do not attempt to fill the tank beyond this point.

FUEL TANK CAPACITY

Avoid the risk of running out of fuel and never intentionally drive the vehicle when the fuel gauge indicates that the tank is empty. When refuelling your vehicle after the fuel gauge reads empty, you may not be able to add the fuel quantity shown below, as there will be a small reserve remaining in the tank.

Total tank capacity (usable)	21.1 U.S. gallons (80 litres)
Fill capacity (when fuel gauge reads empty)	19.5 U.S. gallons (74 litres)
Reserve capacity (when fuel gauge reads empty)	1.1 U.S. gallons (4 litres)

FUEL SPECIFICATION

Gasoline
Unleaded 91 Octane

DISABILITY MODIFICATIONS

⚠WARNING

Occupants with disabilities that may require the vehicle to be modified must contact a Dealer/Authorized Repairer before any modifications are made. Failure to do so can result in the vehicle being rendered unsafe, potentially leading to personal injury.

Modifications may adversely affect the vehicle which can lead to loss of control, resulting in a crash.

(USA only) If you are considering modifying your vehicle in any way to accommodate a disability, for example by altering or adapting the driver's or passenger's seat(s) or air bag system, please contact Jaguar Cars at:

Jaguar Land Rover North America

Customer Relations Center

555 MacArthur Blvd

Mahwah

New Jersey 07430-2327

1-800-4JAGUAR OPTIONS 9.

PARTS AND ACCESSORIES

⚠WARNING

The use of non-approved parts and accessories or carrying out non-approved alterations or conversions, may be dangerous and could affect the safety of the vehicle and occupants and also invalidate the terms and conditions of the vehicle warranty.

⚠WARNING

Jaguar will not accept any liability for death, personal injury or damage to property which may occur as a result of the use of non-approved accessories or the carrying out of non-approved conversions to Jaguar vehicles.

NOTICE

Your vehicle is not designed for use with a roof rack. Do not fit a roof rack to the vehicle, as damage may result.

AIR BAG SYSTEM

⚠WARNING

Certain components of this vehicle such as air bag modules and seat belt protensioners may contain Perchlorate material - Special handling may apply for service or vehicle end of life disposal.

See:

www.dtsc.ca.gov/hazardouswaste/perchlorate.

⚠WARNING

The components that make up the air bag system are sensitive to electrical or physical interference, either of which could easily damage the system and cause inadvertent operation or a malfunction of the air bag module.

To prevent malfunction of the air bag system always consult your Dealer/Authorized Repairer before fitting any of the following:

- Electronic equipment such as a mobile phone, two-way radio or audio system.
- Accessories attached to the front of the vehicle.
- Any modification to the front of the vehicle.
- Any modification involving the removal or repair of any wiring or component in the vicinity of any of the air bag system components, including the steering wheel, steering column, instrument or fascia panels.
- Any modification to the facia panels or steering wheel.

OWNER MAINTENANCE

NOTICE

Any significant or sudden drop in fluid levels, or uneven tire wear, should be reported to a qualified technician without delay.

In addition to the routine services and inspections, a number of simple checks must be carried out more frequently. These checks can be carried out by the owner and advice is given on the pages that follow.

DAILY CHECKS

- Operation of lamps, horn, direction indicators, wipers, washers and warning indicators.
- Operation of seat belts and brakes.
- Look for fluid deposits underneath the vehicle that might indicate a leak. Condensation drips from the air conditioning is normal.

WEEKLY CHECKS

- Engine oil level.
- Engine coolant check.
- Brake fluid level.
- Power steering fluid level.
- Windshield washer fluid level.
- Tire pressures and condition.
- Operate air conditioning.

Note: *The engine oil level should be checked more frequently if the vehicle is driven for prolonged periods at high speeds.*

ARDUOUS DRIVING CONDITIONS

When a vehicle is operated in severe or arduous conditions, more frequent attention must be paid to servicing requirements. Refer to your Passport to Service or contact your Dealer/Authorized Repairer for details.

SAFETY IN THE GARAGE

⚠WARNING

If the vehicle has been driven recently, do not touch exhaust and cooling system components until the engine has cooled.

⚠WARNING

Never leave the engine running when the vehicle is in a garage. Exhaust gases are poisonous and can cause unconsciousness and death if inhaled.

⚠WARNING

Do not work beneath the vehicle with a jack as the only means of support.

⚠WARNING

Keep your hands and clothing away from drive belts, pulleys and fans. Some fans may continue to operate after the engine has stopped.

⚠WARNING

Remove metal wrist bands and jewellery, before working in the engine compartment.

⚠WARNING

Do not touch electrical leads or components while the engine is running, or with the ignition switched on.

⚠WARNING

Do not allow tools or metal parts of the vehicle to make contact with the battery leads or terminals.

FUEL SYSTEM

⚠WARNING

Under no circumstances should any part of the fuel system be dismantled or replaced by anyone other than a suitably qualified vehicle technician.

⚠WARNING

Ensure sparks and naked lights are kept away from the engine compartment.

⚠WARNING

Wear protective clothing, including, where practicable, gloves made from an impervious material.

USED ENGINE OIL

Prolonged contact with engine oil may cause serious skin disorders, including dermatitis and cancer of the skin. Always wash thoroughly after contact.

OPENING THE HOOD

1. Pull the hood release handle located in the left-hand front footwell.
2. Lift the hood safety catch lever located below the center point of the hood, and raise the hood.

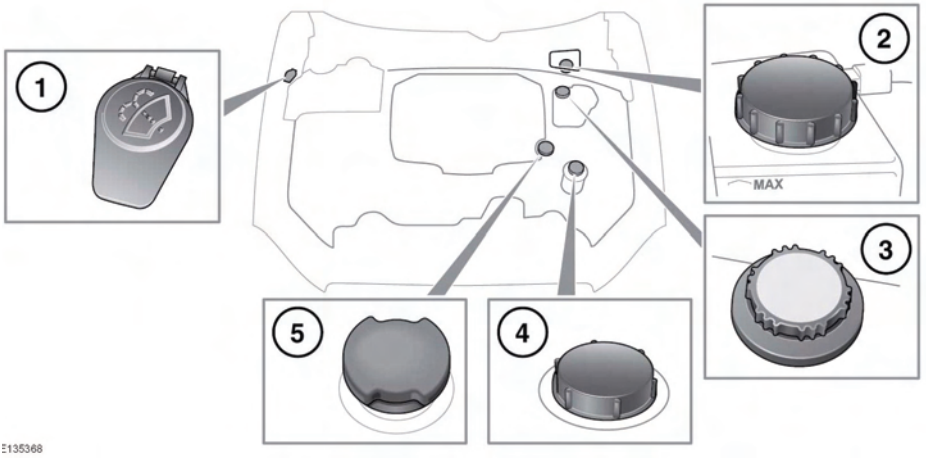
CLOSING THE HOOD

⚠WARNING

Do not drive with the hood retained by the safety catch alone.

1. Lower the hood until the safety catch engages. Using both hands, press the hood down until the catches click.
2. Check that both catches are fully engaged by attempting to lift both sides of the front edge of the hood. This should be free from all movement.

ENGINE COMPARTMENT OVERVIEW



1. Washer fluid.
2. Brake fluid.
3. Coolant.
4. Power steering.
5. Engine oil.

⚠WARNING

Do not drive the vehicle if there is a possibility that leaked fluid will come into contact with a hot surface, such as the exhaust.

⚠WARNING

While working in the engine compartment, always observe the safety precautions. See 152, SAFETY IN THE GARAGE.

UNBLOCKING WASHER JETS

⚠CAUTION

Do not operate the washer jets during adjustment. Windshield washer fluid may cause irritation to the eyes and skin. Always read and observe the washer fluid manufacturers instructions.

If a washer jet becomes blocked, use a thin strand of wire to unblock the jet by inserting the wire into the jet. Ensure that the wire is completely removed after unblocking.

CHANGING A BULB

NOTICE

Always replace bulbs with the correct type and specification. If you are in any doubt, contact your Dealer/Authorized Repairer for advice.

NOTICE

Before attempting to replace a bulb, ensure that both the affected lamp and the vehicle's ignition are turned off. If the circuit remains live, a short circuit can occur which may damage the vehicle's electrical system.

XENON LAMPS

⚠WARNING

High voltage is required to ignite the gas and metal vapor which are used to power Xenon lamps. Contact with this voltage can cause serious injury. Replacement or maintenance of Xenon lamps should only be carried out by suitably qualified personnel.

⚠WARNING

Xenon lamp units operate at a very high temperature. To avoid burns or serious injury, ensure that the lamp units have cooled before attempting to touch them.

Seek advice about the correct disposal of Xenon lamp units from a Dealer/Authorized Repairer, or your local authority.

HEADLAMP BULB CHANGE

NOTICE

Removal of the headlamp unit should only be attempted by a qualified technician. If in doubt, consult your Dealer/Authorized Repairer.

REAR LAMP REMOVAL

NOTICE

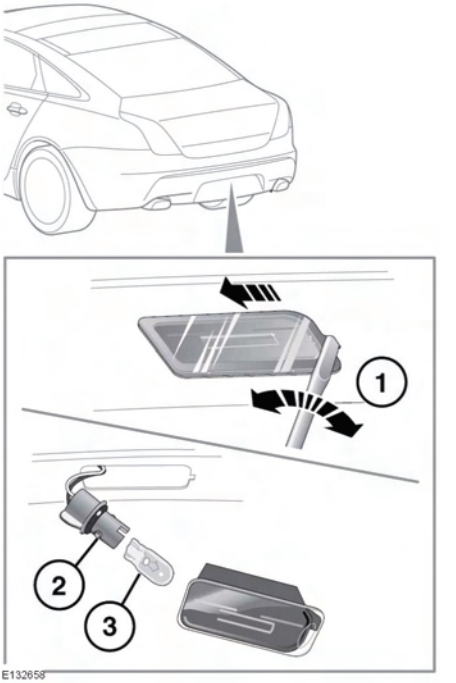
Removal of the rear lamp unit should only be attempted by a qualified technician. If in doubt, consult your Dealer/Authorized Repairer.

HIGH LEVEL BRAKE LAMP

NOTICE

Removal of this lamp unit should only be attempted by a qualified technician. If in doubt, consult your Dealer/Authorized Repairer.

LICENSE PLATE LAMP BULB



1. Insert a small flat-bladed screwdriver into the indent as shown and carefully lever out the side of the lamp unit and remove.
2. Twist the bulb holder 90 degrees counter-clockwise to access the bulb.
3. Pull to remove the bulb from the holder.

The specification for the replacement bulb is listed under **169, BULB SPECIFICATION**.

SUNROOF RESET

If the battery is disconnected, or the power supply is interrupted, while the sunroof is partially open it will need to be reset.

Once the power supply is restored, reset the sunroof as follows:

1. Switch the ignition on.
2. Fully close the sunroof.
3. Press the front of the sunroof switch, and hold for 45 seconds.
4. After 45 seconds the sunroof will begin to move. Keep the front of the switch pressed until the sunroof is fully open, then closed.
5. Once the open/close cycle has completed and the sunroof has stopped moving, release the switch.

The sunroof can now be operated as normal.

WINDOW RESET

The windows will need to be reset if the battery is disconnected, becomes discharged or power supply is interrupted.

Reset as follows:-

1. Close the window fully.
2. Release the switch, then lift it to the close position and hold for two seconds.
3. Open the window fully.
4. Release the switch, then push it to the open position and hold for two seconds.
5. Lift and release the switch to operate the one-touch function.
6. Repeat the procedure on each window.

WARNING TRIANGLE

If supplied, the warning triangle is located in the luggage compartment, attached to an anchor point.

FIRST AID KIT

If supplied, the first aid kit is strapped to the side of the luggage compartment.

FIRE EXTINGUISHER

If supplied, fire extinguisher is located either in the luggage compartment, or mounted to the front passenger seat.

REPAIRING MINOR PAINT DAMAGE

Regularly inspect the paintwork for damage. Any stone chips, fractures, or deep scratches, in the paint/bodywork should be repaired promptly. Bare metal will corrode quickly, and if left untreated can result in expensive repairs.

CLEANING THE ALLOY WHEELS

NOTICE

Only use approved wheel cleaning products.

CLEANING THE EXTERIOR

NOTICE

Some high pressure cleaning systems are sufficiently powerful to penetrate door and window seals, and damage trim and door locks. Never aim the water jet directly at the engine air intake, heater air intakes, body seals or at any components which may be damaged.

NOTICE

Do not use a power wash system in the engine bay area as it may cause damage.

NOTICE

Ensure that you read and comply with all warnings and product instructions supplied with any cleaning products.

NOTICE

Never use cleaning products that are not approved for use on vehicles.

WASHING THE VEHICLE PAINTWORK

NOTICE

Substances which are corrosive can damage the vehicle's paintwork. Any such deposits should be removed as soon as possible to prevent damage.

USING AN AUTOMATIC WASH

NOTICE

Commercially operated automatic car washes, jet washes and power-operated mops, are not recommended.

UNDER HOOD CLEANING

NOTICE

Do not use a high pressure washer or steam cleaner in the engine compartment.

NOTICE

Ensure that the brake fluid reservoir is kept dry at all times. Only use a clean, dry cloth to clean the brake fluid cap and reservoir.

CLEANING GLASS SURFACES

Clean the rear window with a soft cloth to avoid damaging the heating element. Do not scrape the glass or use any abrasive cleaning fluid.

Mirror glass is particularly susceptible to damage. Wash with soapy water. Do not use abrasive cleaning compounds or metal scrapers to remove ice.

To avoid damaging the protecting coating, only clean the interior side of the sunroof glass with a soft cloth. Don not scrape the glass or use abrasive cleaning fluids.

CLEANING THE REAR GLASS

To avoid damaging the heating elements when cleaning the inside of the rear glass, use only a soft damp cloth or chamois leather. Do not use solvents or sharp objects to clean the glass.

CLEANING THE SUNROOF WIND DEFLECTOR

A mild solution of soap and water or car shampoo should be used to clean the wind deflector net periodically. Support the underside of the net with a soft cloth, and gently scrub the net using a soft bristled brush.

REMOVING GREASE AND TAR

Remove grease or tar with Jaguar Tar Remover or methylated spirit (alcohol). White spirit is also effective, but must not be applied to rubber, particularly the windshield wiper blades.

NOTICE

Ensure that after using methylated or white spirit, the area is washed immediately with soapy water, to remove all traces of spirit.

POLISHING

NOTICE

Chrome polish, or other abrasive cleaners, must not be used on the vehicle's brightwork.

It is recommended that the vehicle is polished regularly using Jaguar polish and a polishing cloth.

CLEANING THE INTERIOR

⚠CAUTION

Some cleaning products contain substances that are harmful and can cause health problems if used incorrectly. They may also cause damage to the interior of the vehicle.

NOTICE

The steering wheel center pad and other areas containing air bags should only be cleaned sparingly with a damp cloth, warm water and a non-detergent soap.

LEATHER

NOTICE

Some materials are prone to dye transfer, which can cause unsightly discoloration of lighter colored leathers. Affected areas should be cleaned and re-protected as soon as possible.

To prevent ingrained dirt and staining, inspect the seat upholstery regularly and clean every one to two months, as follows:

- Wipe off fine dust from the seat surfaces using a clean, damp, non-colored cloth. Change frequently to a clean area of cloth, to avoid abrasive action on the leather surface. Avoid over-wetting.
- If this is not sufficient, use a cloth which has been dampened with warm soapy water and then wrung out. Use only mild non-caustic soap.
- Use Jaguar Leather Cleaner for heavily soiled areas. Dry off and rub with a clean soft cloth, changing surfaces regularly.

Use Jaguar Leather Cleaner several times a year to maintain its appearance and suppleness. The cleaner will nourish and moisturize and help to improve the surface protective film against dust and substances.

- Do not use solvents. Do not use detergents, furniture polish or household cleaners. While these products may initially give impressive results, their use will lead to rapid deterioration of the leather and will invalidate the warranty. Jaguar recommend a basic set of products that have been specially selected for the type of leather in your vehicle.
- Dark clothing may stain leather seats just like other upholstery products.
- Sharp objects such as belts, zip fasteners, rivets, etc., can leave permanent scratches and scratch marks on the leather surface.
- Unless spillages such as tea, coffee or ink are washed away immediately, permanent staining may have to be accepted.

If a valet service is used, ensure that the specialist concerned is aware of, and follows, these instructions precisely.

CLEANING FABRIC UPHOLSTERY

NOTICE

Never use soap, ammonia, bleach or other cleaners intended for use on hard surfaces.

NOTICE

Do not use upholstery cleaner on electrical equipment such as facia switches.

NOTICE

When cleaning around electrical equipment such as switches, ensure that fluids do not leak into any gaps around the components or between panels or trim.

Use Jaguar Upholstery Cleaner, following the instructions. Avoid over-wetting.

REMOVING STAINS

Most stains on woollen fabric can be removed if treatment is carried out immediately, before the stain has a chance to dry-in.

Most stains can be treated with one of three cleaning fluids: Jaguar Upholstery Cleaner, dry cleaning fluid or clean water. Follow the instructions on the package.

INSTRUMENT PANEL, CLOCK AND AUDIO EQUIPMENT

Only use a soft dry cloth to clean the instrument panel, clock and audio equipment. Do not use cleaning fluids or sprays.

CLEANING THE TOUCH SCREEN

NOTICE

Do not use abrasive cleaners on the touch screen. For approved cleaning products, contact your Dealer/Authorized Repairer.

CARPETS AND MATS

Marks or stains can be removed by gentle scrubbing with a weak solution of soap and warm water.

For more stubborn stains a commercially available carpet cleaner should be used.

SEAT BELTS

⚠WARNING

Do not allow any water, cleaning products, or fabric from cloths to enter the seat belt mechanism. Any substance which enters the mechanism may affect the performance of the seat belt in an impact.

Extend the seat belts fully, then use warm water and a non-detergent soap to clean. Allow the seat belts to dry naturally while fully extended and do not allow the belts to retract until fully dry.

Note: *While cleaning the seat belt, take the opportunity to examine the webbing for damage and wear. Any wear or damage should be reported to, and rectified by, a Dealer/Authorized Repairer.*

AIR BAG MODULE COVERS

⚠WARNING

Air bag covers should only be cleaned using a slightly dampened cloth, and a small amount of upholstery cleaner.

⚠WARNING

Any substance which enters the mechanism, can prevent correct deployment of an air bag during an impact.

CHECKING THE ENGINE OIL LEVEL

NOTICE

Check the engine oil weekly. If any significant or sudden drop in oil level is noted, seek qualified assistance.

Prior to checking the oil level ensure that:

- The vehicle is on level ground.
- The engine oil has reached working temperature (oil is hot).
- The engine has been switched off for 10 minutes, as the system will not give an accurate reading until the oil level has stabilized.

The oil level can then be checked as follows:

1. Switch on the ignition (do not start the engine).
2. Ensure Park (**P**) is selected.
3. Select the **Service menu** using the instrument panel menu joypad control, see **61, INTERACTIVE CONTROLS**.

   Select **Oil level display** from the Service menu. The current oil level status and topping-up advice is displayed in the instrument panel, top-up as instructed.

An indication of the oil level is displayed in the gauge. Messages to the right of the gauge advise you of any action you may need to take.

If the oil level is within the required operating range, the message **Engine Oil Level OK** will be displayed. Do not add any additional oil to the engine.

If the oil level is below the required operating range, a message advising you how much oil to add will be displayed (e.g. **Add 0.5 Quart** or **Add 0.5 Liter**). Add the recommended quantity of oil.

If the message **Engine Oil Level Overfilled** is displayed, seek qualified assistance immediately. Do not drive the vehicle as this will cause serious damage to the engine.

If the message **Engine Oil Level Underfilled** is displayed, add 2.6 pints (1.5 liters) of oil, then recheck the level.

If the message **Engine Oil Level Not Available** is displayed, the oil level is stabilising. Switch off the ignition, wait 10 minutes, then recheck the oil level display.

If the warning message **ENGINE OIL LEVEL MONITOR SYSTEM FAULT** is displayed, seek qualified assistance.

ENGINE OIL SPECIFICATION

NOTICE

Low quality or obsolete oils do not provide the protection required by modern, high performance engines.

NOTICE

Failure to use an oil that meets the required specification could cause excessive engine wear, a build up of sludge and deposits, and increase pollution. It could also lead to engine failure.

NOTICE

Your vehicle's warranty may be invalidated if damage is caused by the use of unapproved engine oil.

NOTICE
Do not use oil additives of any type as engine damage could occur. Use only specified lubricants.

Model	Specification
All engines	SAE 5W-20 meeting Jaguar specification WSS M2C925-A only.

Jaguar recommends:

Castrol

TOPPING UP THE OIL

NOTICE
Overfilling with oil could result in severe engine damage. Oil should be added in small quantities and the level re-checked to ensure that the engine is not overfilled.

1. Unscrew the oil filler cap.
2. Add oil as indicated by the message center display.
3. Wait five minutes for the oil level to stabilize then re-check.

It is essential to use the correct specification oil, and to ensure it is suitable for the climatic conditions in which the vehicle is to be operated.

ENGINE OIL CONSUMPTION

A certain amount of oil consumption is normal. The rate of consumption will depend on the following:

- The quality and viscosity of the oil.
- Climatic conditions.
- The speed at which the engine is being operated.
- Road conditions.

Drivers should expect above normal consumption when the engine is new, and after breaking-in if high speeds are sustained.

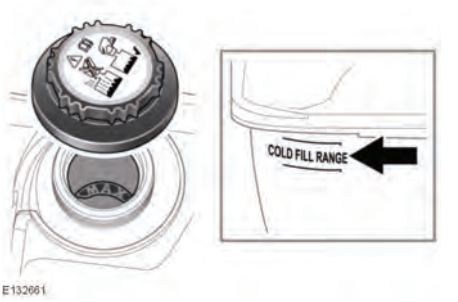
CHECKING THE COOLANT LEVEL

NOTICE
Running the engine without coolant will cause serious engine damage.

NOTICE
If persistent coolant loss is noticed, seek qualified assistance immediately.

The coolant level in the expansion tank should be checked at least weekly (more frequently in high mileage or severe operating conditions). Always check the level when the system is cold.

Ensure the coolant level is maintained between the level indicator marks, as shown in the illustration.



If coolant/steam is expelled from the pressure cap, or the level has dropped suddenly, or by a large amount, arrange for the vehicle to be examined by a qualified technician as soon as possible.

If the message **LOW COOLANT LEVEL** is displayed in the message center, stop the vehicle as soon as safety permits and top-up the coolant reservoir with the recommended antifreeze/water mix.

If the message center displays the message **ENGINE OVERHEATING**, pull off the highway and allow the engine to idle for five minutes and then switch off the ignition for ten minutes. Switch on the engine and, provided that the warning does not occur, continue your journey, avoiding harsh acceleration. Seek qualified assistance as soon as possible.

TOPPING UP THE COOLANT

⚠WARNING

Never remove the filler cap when the engine is hot. as the reservoir will be pressurized. Coolant and steam can escape rapidly when the cap is removed, causing injury.

⚠WARNING

Antifreeze is highly inflammable. Do not allow antifreeze to come into contact with naked flames or other sources of ignition (e.g. a hot engine) - a fire may result.

⚠WARNING

Unscrew the filler cap slowly, allowing the pressure to escape before removing completely.

NOTICE

When travelling in territories where the water supply contains salt, always ensure you carry a supply of fresh (rain or distilled) water. Topping up with salt water will cause serious engine damage.

Top-up to the upper level indicator mark located on the side of the expansion tank. Use only a 50% mix of water and antifreeze to specification WSS M97B44 (colored orange) Extended Life Coolant.

Note: *In an emergency, and only if the approved antifreeze is unavailable, top-up the cooling system with clean water, but be aware of the resultant reduction in frost protection. Do not top-up or refill with conventional antifreeze formulations. If in doubt consult a qualified technician.*

Ensure the cap is tightened fully after top-up is completed by turning the cap until the ratchet cap clicks.

CHECKING THE BRAKE FLUID LEVEL

⚠WARNING

Seek qualified assistance immediately if brake pedal travel is unusually long, unusually short or if there is any significant loss of brake fluid. Driving under such conditions could result in extended stopping distances or complete brake failure.

USA

Canada and Mexico

If the quantity of fluid in the brake reservoir drops below the recommended level, a red warning lamp in the instrument panel will illuminate and the message **Brake Fluid Low** will be displayed in the message center.

Note: *If the warning lamp illuminates or the message is displayed while the vehicle is being driven, stop the vehicle as soon as safety permits by gently applying the brakes. Check and top-up the fluid level if necessary.*

⚠WARNING

Brake fluid is highly toxic - keep containers sealed and out of the reach of children. If accidental consumption is suspected, seek medical attention immediately.

⚠WARNING

If the fluid comes into contact with the skin or eyes, rinse immediately with plenty of water.

⚠WARNING

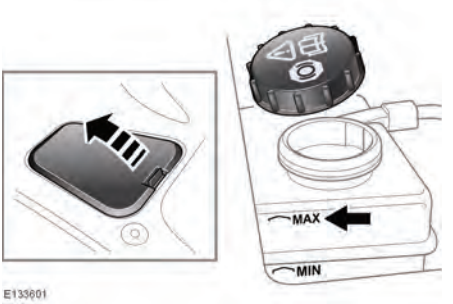
Brake fluid is highly inflammable. Do not allow brake fluid to come into contact with naked flames or other sources of ignition (e.g. a hot engine).

⚠WARNING

Do not drive the vehicle with the fluid level below the MIN mark.

With the vehicle on level ground, check the fluid level at least every week (more frequently in high mileage or arduous operating conditions).

The brake fluid reservoir is located beneath a cover on the raised platform to the rear of the main underhood area, see **154, ENGINE COMPARTMENT OVERVIEW**.



1. Release the catch.
2. Lift the cover forwards, then pull rearwards, to release the hinges.
3. Clean the filler cap with a clean, dry cloth before removing, to prevent dirt or moisture from entering the reservoir.
4. Remove the filler cap.
5. The brake fluid level should be between the **MIN** and the **MAX** marks on the side of the reservoir.

The fluid level may drop slightly during normal use, as a result of brake pad wear, but should not be allowed to drop below the **MIN** mark.

TOPPING UP THE BRAKE FLUID

NOTICE

Brake fluid will damage painted surface. Soak up any spillage with an absorbent cloth immediately and wash the area with a mixture of car shampoo and water.

NOTICE

Only use new fluid from an airtight container. Fluid from open containers or fluid previously bled from the system, will have absorbed moisture, which will adversely affect performance, and must not be used.

1. Top up the reservoir to at least the **MINIMUM** mark using Shell DOT4 ESL brake fluid. If unavailable, a low viscosity brake fluid that meets ISO 4925 class 6 specification. Only fluid of this type and standard may be used.

NOTICE

Do not top up the brake fluid to the maximum mark unless the brake pads have been replaced. If unsure seek qualified assistance.

2. Replace the cap.
3. Refit the reservoir cover.

CHECKING THE POWER STEERING FLUID LEVEL

⚠WARNING

Power steering fluid is highly toxic. Keep containers sealed and out of reach of children. If accidental consumption of fluid is suspected, seek medical attention immediately.

⚠WARNING

If the fluid comes into contact with the skin or eyes, rinse immediately with plenty of water.

⚠WARNING

Power steering fluid is highly inflammable. Do not allow power steering fluid to come into contact with naked flames or other sources of ignition (e.g. a hot engine).

NOTICE

The engine must not be started if the fluid level has dropped below the **MIN** *mark.*

NOTICE

Seek qualified assistance immediately if there is a noticeable drop in the fluid level.

NOTICE

If fluid loss is slow, the reservoir may be topped-up to the upper level mark to enable the vehicle to be driven to a repair facility for examination. However, it is recommended that you seek qualified assistance before driving the vehicle.

Check and top-up the fluid with the vehicle on level ground, with the engine switched off and the system cold. Ensure that the steering wheel is not turned after stopping the engine.

The level of fluid can be seen through the translucent body of the reservoir.

The fluid level should be between the **MIN** and the **MAX** marks.

TOPPING UP THE POWER STEERING FLUID

NOTICE

It is imperative that the power steering system does not become contaminated in any way. Always use new fluid and clean the area around the filler neck both before removing the filler cap and after topping up. Never return drained fluid to the system.

NOTICE

Power steering fluid will damage painted surfaces. Soak up any spillage with an absorbent cloth immediately and wash the area with a mixture of car shampoo and water.

1. Clean the filler cap before removing to prevent dirt from entering the reservoir.
2. Remove filler cap.
3. Using Mobil ATF320 PAS fluid, top-up the reservoir until the fluid level is between the **MIN** and **MAX** marks.
4. Replace filler cap.

CHECKING THE WASHER FLUID LEVEL

⚠WARNING

Some windshield washer fluids are highly flammable. Do not allow windshield washer fluid to come into contact with naked flames or sources of ignition as this can cause a fire or explosion.

⚠WARNING

If the vehicle is operated in temperatures below 4°C (40°F), use a washer fluid with antifreeze protection. In cold weather, failure to use a washer fluid with frost protection could result in impaired vision and increase the risk of an accident.

NOTICE

Only use approved washer fluid.

NOTICE

Take care to avoid spillage, particularly if an undiluted or high concentration is being used. If spillage occurs, wash the affected area immediately with water.

The washer reservoir supplies the windshield and headlamp washer jets.

Check and top-up the reservoir level at least every week.

Fill with Jaguar Windshield Washer Fluid, diluted with clean water, as specified in the instructions on the bottle. Using a non-approved fluid may adversely affect the wiper blade rubber, resulting in ineffectual and noisy wiping.

Operate the washers periodically to check that the nozzles are clear and properly directed.

TOPPING UP THE WASHER FLUID

Note: *National or local regulations may restrict the use of Volatile Organic Compounds (VOCs) which are commonly used as antifreeze agents in washer fluid. A washer fluid with limited VOC content should be used only if it provides adequate freeze resistance for all climates in which the vehicle is operated.*

1. Clean the filler cap before opening to prevent dirt from entering the reservoir.
2. Open filler cap.
3. Top-up the reservoir until the fluid is visible in the filler neck.
4. Close filler cap.

ENGINE SPECIFICATIONS

Data	Normally Aspirated Engines	Supercharged Engines
Number of cylinders	8	8
Displacement (cc)	5000	5000
Firing order	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8
Compression ratio	11.5:1	9.5:1

LUBRICANTS AND FLUIDS

Part	Specification
Engine oil	SAE 5W-20 meeting Jaguar specification WSS M2C925-A only.
Power steering fluid	Mobil ATF320 PAS fluid.
Brake fluid	Shell DOT4 ESL is preferred. If unavailable, a low viscosity brake fluid that meets ISO 4925 specification may be used.
Windshield washer	Windshield wash with frost protection.
Coolant	50% mixture antifreeze of water and specification WSS M97B44 (colored orange) Extended Life Coolant.

If in doubt about the required specification of a lubricant or fluid for your vehicle, seek advice from your Dealer/Authorized Repairer.

WEIGHTS

Variant	Vehicle weight	Front axle weight	Rear axle weight	Max. luggage compartment load[1]
Standard wheelbase				
Normally Aspirated	4045 lbs 1835 kg	2070 lbs 939 kg	1975 lbs 896 kg	77 lbs 35 kg
Supercharged/ Supersport	4281 lbs 1942 kg	2220 lbs 1007 kg	2061 lbs 935 kg	77 lbs 35 kg
Long wheelbase				
Normally Aspirated	4131 lbs 1874 kg	2116 lbs 960 kg	2015 lbs 914 kg	77 lbs 35 kg
Supercharged/ Supersport	4323 lbs 1961 kg	2249 lbs 1020 kg	2075 lbs 941 kg	77 lbs 35 kg

The maximum permitted luggage compartment load can be exceeded, provided the requirements regarding the maximum permissible axle weights and tire pressures are followed.

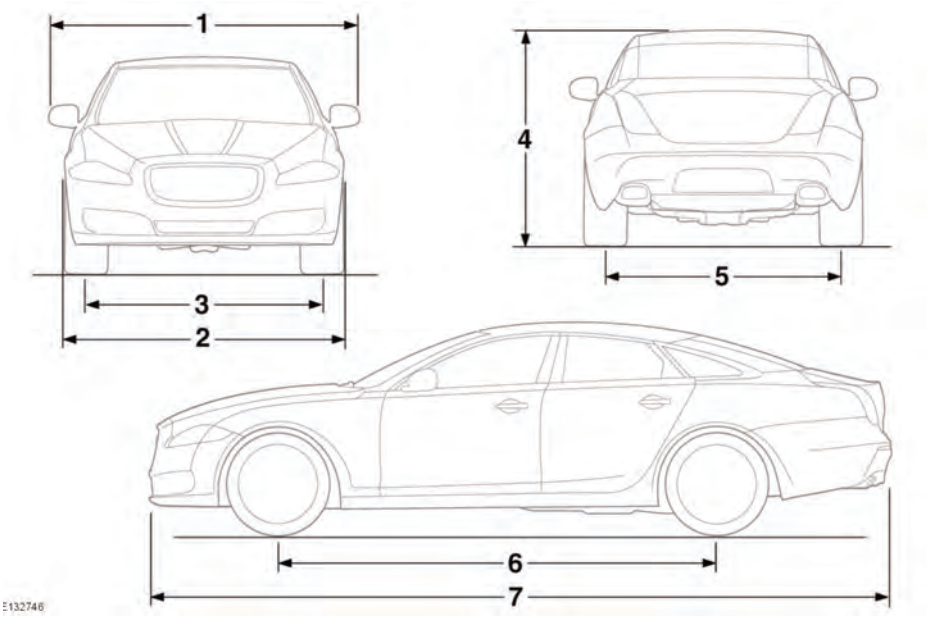
Variant	Gross Vehicle Weight (GVW)[1]	Maximum front axle load[2]	Maximum rear axle load[2]
Standard wheelbase			
Normally Aspirated	5071 lbs 2300 kg	2491 lbs 1130 kg	2756 lbs 1250 kg
Supercharged/ Supersport	5214 lbs 2365 kg	2568 lbs 1165 kg	2756 lbs 1250 kg
Long wheelbase			
Normally Aspirated	5148 lbs 2335 kg	2491 lbs 1130 kg	2756 lbs 1250 kg
Supercharged/ Supersport	5269 lbs 2390 kg	2601 lbs 1180 kg	2756 lbs 1250 kg

[1] The maximum permissible weight of the vehicle including passengers and load.

[2] The front and rear axle maximum loads can not be reached simultaneously as this will exceed the GVW limit.

Note: *This vehicle is not designed to be used as a towing vehicle, so a Gross Train Weight is not applicable.*

DIMENSIONS



Item	Description	inches (mm)
1	Width	82.9 (2105)
2	Width with mirrors folded	76.8 (1950)
3	Track - front	64.0 (1626)
4	Maximum height	57.4 (1457)
5	Track - rear	63.1 (1604)
6	Wheelbase:	
	Long wheelbase vehicles	124.3 (3157)
	Standard wheelbase vehicles	119.4 (3032)
7	Length excluding license plate plinth:	
	Long wheelbase vehicles	206.8 (5252)
	Standard wheelbase vehicles	201.8 (5127)
-	Turning circle (curb to curb)	
	Long wheelbase vehicles	41.7 feet/12.7 metres
	Standard wheelbase vehicles	40.4 feet/12.3 metres

CAPACITIES

Item	Variant	Capacity
Fuel tank (usable)	All vehicles	21.1 U.S. gallons (80 litres)
Fuel capacity (when the fuel gauge indicates empty)	All vehicles	19.5 U.S. gallons (74 litres)
Reserve capacity (when the fuel gauge indicates empty)	All vehicles	1.1 U.S. gallons (4 litres)
Engine oil refill and filter change	All vehicles	15.3 U.S. pints (7.25 litres)
Washer reservoir	With headlamp wash	11.6 U.S. pints (5.5 litres)
Cooling system (fill from dry)	Supercharged engines	27.9 U.S. pints (13.2 litres)
	Normally Aspirated engines	22.2 U.S. pints (10.5 litres)
Cooling system (service fill)	Supercharged engines - both drain points used	19 U.S. pints (9 litres)
	Normally Aspirated engines	17 U.S. pints (8 litres)

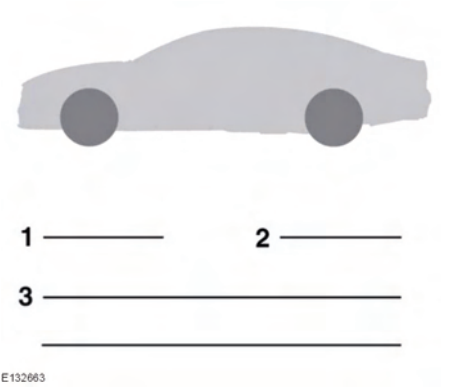
The quoted capacities are approximate and provided as a guide only. All levels must be checked using the dipstick or level marks, as applicable.

BULB SPECIFICATION

Lamp	Specification	Watts
License plate lamps	W5W	5

Note: *All other lamps are non-serviceable. If any lamp should fail, consult your Dealer/Authorized Repairer.*

ACCESSORY WHEELS AND TYRES



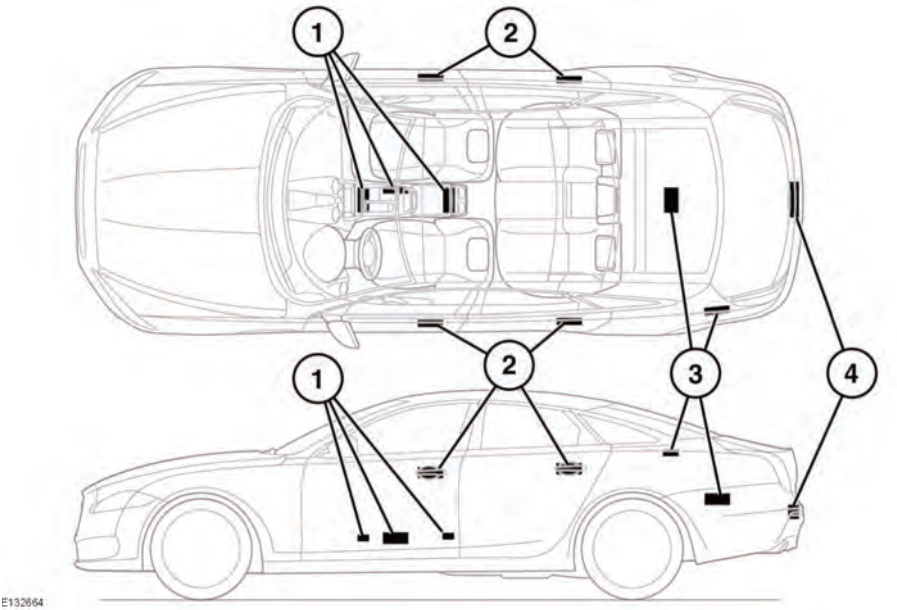
Note: *Use the table above to record accessory wheel and tire information.*

1. Front tire pressure.
2. Rear tire pressure.
3. Wheel and tire information (size, speed rating, etc.).

⚠WARNING

Contact your Dealer/Authorized Repairer before fitting any accessory wheels and tires. Fitting incorrect wheel/tire combinations can seriously affect the ride and handling of your vehicle. In extreme cases, this may lead to loss of control of the vehicle.

REMOTE KEY FOB TRANSMITTER LOCATIONS



1. Cabin transmitters.
2. Door handle transmitters.
3. Luggage compartment interior transmitters.
4. Luggage compartment exterior transmitter.

WARNING

Any person fitted with an implanted medical device should ensure that the device is kept at a distance of at least 8.7 inches (22 cm) away from any transmitter mounted in the vehicle. This is to avoid any possibility of interference between the system and device.

Radio Frequency Spectrum Regulation Statement

USA

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Canada

IC-RSS-210:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

The key system transmitter radio frequency approval numbers for the USA and Canada are shown below:

USA FCC ID:	KOBJTF10B
	KOBJLR09A
	KOBJBG10A
	KOBJBG10B
Canada IC:	3521A-JTF10B
	3521-JLR09A
	3521-JBG10A
	3521-JBG10B

Note: *The manufacturer is not responsible for any radio interference or TV interference caused by unauthorized modifications to this equipment. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

NOTICE

The Jaguar Smart Key may suffer interference from other legal users of this radio frequency band, such as radio amateurs, medical equipment, remote controls or alarm systems. To lock or unlock the vehicle in such a situation, either use a key or operate the key transmitter as close to the security antenna as possible.

CALIFORNIA PROPOSITION 65 WARNING

⚠WARNING

Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling.

BATTERY WARNING SYMBOLS

Do not allow naked flames or other sources of ignition near the battery, as the battery may emit explosive gases.

Ensure that when working near or handling the battery, suitable eye protection is worn, to protect the eyes from acid splashes.

To prevent risk of injury, do not allow children near the battery.

Be aware that the battery may emit explosive gases.

The battery contains acid which is extremely corrosive and toxic.

Consult the handbook for information, before handling the battery.

BATTERY CARE

⚠DANGER

If swallowed, battery fluid can be fatal. Seek medical assistance immediately.

⚠WARNING

If battery fluid comes into contact with your eyes, skin, or clothes you should remove the affected clothing and flush the skin/eyes with plenty of water. Seek medical assistance immediately.

⚠WARNING

Do not connect any 12 volt equipment directly to the battery terminals. Doing so may cause a spark, which can result in an explosion.

⚠WARNING

The cell plugs and vent pipe must be in place at all times when the battery is connected to the vehicle. Ensure that the vent pipe is clear of obstructions and not kinked. Failure to do so may cause a pressure build up in the battery, resulting in an explosion.

⚠WARNING

Do not expose the battery to a naked flame or spark as the battery produces explosive, flammable gas.

⚠WARNING

Never jump start, boost, charge, or try to start a vehicle with a frozen battery. Doing so can result in an explosion.

⚠WARNING

To prevent the chance of an electric shock, remove all metal jewelry before working on or near the battery, and never allow metal tools or vehicle components to come into contact with the battery terminals.

⚠WARNING

Do not allow the battery posts or terminals to come into contact with your skin. They contain lead and lead compounds, which are toxic. Always wash your hands thoroughly after handling the battery. Also see 2, CALIFORNIA PROPOSITION 65 WARNING.

NOTICE

Do not allow battery fluid to come into contact with fabrics or painted surfaces. If battery fluid comes into contact with any surface, the surface should be washed down immediately with plenty of clean water.

Your vehicle is fitted with a low maintenance battery, which is located under the floor of the luggage compartment.

In hot climates more frequent checks of the battery fluid level and condition are required. If necessary, the battery cells can be topped up using distilled water.

BATTERY MONITORING SYSTEM (BMS)

If excessive battery discharge is occurring when the engine isn't running, the system will shut down non-essential electrical systems to protect battery power.

CONNECTING BOOSTER CABLES

⚠WARNING

Always wear appropriate eye protection when working with batteries.

Make sure both batteries are of the 12 volt type and that the booster cables have insulated clamps and are approved for use with 12 volt batteries.

Do not disconnect the discharged battery.

Do not connect a booster cable to the negative (-) terminal of the battery. Always connect to the recommended earthing point.

Ensure the bodywork of the donor and disabled vehicles do not touch.

Note: *Before connecting booster cables, ensure that the battery connections on the disabled vehicle are correct and that all electrical equipment has been switched off. To access the luggage compartment when the battery is discharged, see* ***74, LUGGAGE COMPARTMENT RELEASE WHEN BATTERY IS DISCHARGED****.*

1. Connect the positive booster cable to the positive terminal on the donor vehicle's battery.
2. Connect the other end of the positive booster cable to the positive terminal on the disabled vehicle's battery.
3. Connect the negative booster cable to the recommended boost starting earth point of the donor vehicle.
4. Connect the other end of the negative booster cable to a chassis stud. Two are available on the left-hand side at the rear of the load space opposite the battery.
   - Check that all cables are clear of any moving components and that all 4 connections are secure.
5. Start the engine of the donor vehicle, and allow it to idle for a few minutes.
6. Start the engine of the disabled vehicle.
7. Allow both vehicles to idle for two minutes.
8. Switch off the donor vehicle.

DISCONNECTING THE BOOSTER CABLES

⚠WARNING

To avoid serious injury use extreme caution when removing the booster cables as the engine will be running on the previously disabled vehicle. This means that you may be working close to components which are moving at high speed, carry high voltage, or may be hot.

Note: *Do not switch on any electrical equipment until after the cables have been disconnected.*

The engine should be running on the previously disabled vehicle and the engine switched off on the donor vehicle. Disconnect the booster cables in the exact reverse order of that used for connection.

CHARGING THE VEHICLE BATTERY

NOTICE

The battery must be disconnected and removed from the vehicle before charging.

NOTICE

Battery disconnection, removal and replacement, should only be carried out by qualified personnel. Consult your Dealer/Authorized Repairer.

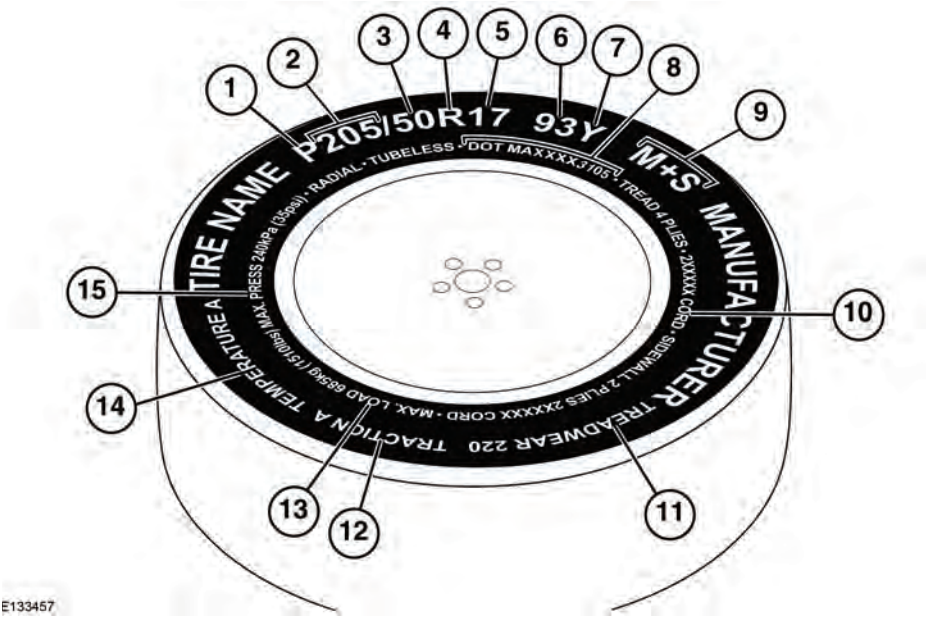
REPLACING THE VEHICLE BATTERY

NOTICE

Battery disconnection, removal and replacement, should only be carried out by qualified personnel. Consult your Dealer/Authorized Repairer.

Used batteries must be disposed of correctly, as they contain a number of harmful substances. Seek advice from your Dealer/Authorized Repairer and/or your local authority.

TIRE MARKINGS



1. **P** indicates that the tire is for passenger vehicle use.
2. The width of the tire from sidewall edge to sidewall edge in millimetres.
3. The aspect ratio, also known as the profile, gives the sidewall height as a percentage of the tread width. So, if the tread width is 205 mm, and the aspect ratio is 50, the sidewall height will be 102 mm.
4. R indicates that the tire is of Radial ply construction.
5. The diameter of the wheel rim given in inches.
6. The load index for the tire. This index is not always shown.
7. The speed rating denotes the maximum speed at which the tire should be used for extended periods. See **177, SPEED RATINGS**.
8. US DOT Tire Identification Number (TIN). This begins with the letters DOT and indicates that the tire meets all federal standards. The next two numbers or letters are the plant code where the tire was manufactured, the last 4 numbers are the date of manufacture. For example, if the number was 3108, the tire was made in the 31st week of 2008. The other numbers are marketing codes used at the manufacturer's discretion. This information can be used to contact consumers if a tire defect requires a recall.
9. **M+S** or **M/S** indicates that the tire has been designed with some capability for mud and snow.

10. The number of plies in both the tread area, and the sidewall area, indicates how many layers of rubber coated material make up the structure of the tire. Information is also provided on the type of materials used.
11. Wear rate indicator. A tire rated at 400 for example, will last twice as long as a tire rated at 200.
12. The traction rating grades a tire's performance when stopping on a wet road surface. The higher the grade the better the braking performance. The grades from highest to lowest are, **AA**, **A**, **B** and **C**.
13. The maximum load which can be carried by the tire.
14. Heat resistance grading. The tire's resistance to heat is grade A, B or C, with A indicating the greatest resistance to heat. This grading is provided for a correctly inflated tire, which is being used within its speed and loading limits.
15. The maximum inflation pressure for the tire. This pressure should not be used for normal driving.

SPEED RATINGS

Rating	Speed, mph (km/h)
Q	99 (160)
R	106 (170)
S	112 (180)
T	118 (190)
U	124 (200)
H	130 (210)
V	149 (240)
W	168 (270)
Y	186 (300)

TIRE CARE

⚠WARNING

Do not drive the vehicle if a tire is damaged, excessively worn, or incorrectly inflated. A tire in such a condition may catastrophically fail and cause an accident.

⚠WARNING

Avoid contaminating the tires with vehicle fluids as they may cause damage to the tire and cause a tire failure, which can result in an accident.

⚠WARNING

Avoid spinning the wheels. The forces released can damage the structure of the tire and cause it to fail.

⚠WARNING

If wheel spin is unavoidable due to a loss of traction (in deep snow, for example), do not exceed the 30 mph (50 km/h) point on the speedometer. Do not allow anyone to stand near, or directly behind a tire that might spin.

⚠WARNING

Do not exceed the maximum pressure stated on the sidewall of the tire.

TIRE PRESSURES

⚠WARNING

Never drive your vehicle if the tire pressures are incorrect. Under-inflation causes excessive flexing and uneven tire wear. This can lead to sudden tire failure. Over-inflation causes harsh ride, uneven tire wear and poor handling.

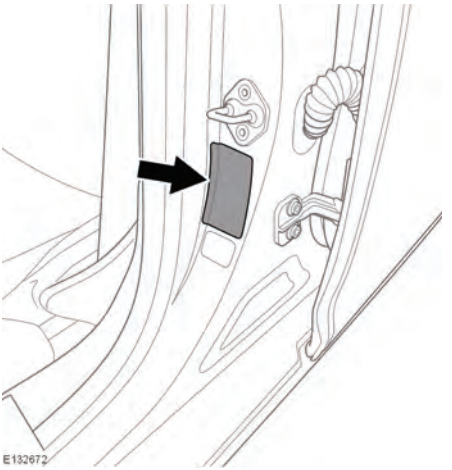
⚠WARNING

Pressure checks should only be carried out when the tires are cold, and the vehicle has been stationary for more than three hours. A hot tire at or below recommended cold inflation pressure is dangerously under-inflated.

⚠WARNING

If the vehicle has been parked in strong sunlight, or used in high ambient temperatures do not reduce the tire pressures. Move the vehicle into the shade and allow the tires to cool before re-checking the pressures.

TIRE PRESSURE LABEL (USA only)



A tire information label is located in the driver's door opening, giving information specific to the original wheel and tire equipment fitted to the vehicle.

These pressures provide optimum ride and handling characteristics for all normal operating conditions.

The label contains the following information:

- The maximum number of occupants, divided between the front and rear of the vehicle.
- The vehicle capacity weight, which includes the weight of the driver, passengers and cargo.
- Cold inflation pressures for the front, rear and spare tire.
- The size of the tires with which the vehicle was originally equipped.

Note: *The label must not be changed, even if different wheels are fitted at a later stage.*

RECOMMENDED PRESSURES - SUMMER TIRES (ALL SPEEDS)

Tire size	Tire pressure
Front - 245/40R20	32 psi, 2.2 bar, 220 kPa
Rear - 275/35R20	32 psi, 2.2 bar, 220 kPa

RECOMMENDED PRESSURES - ALL SEASON TIRES

Tire size	Tire pressure
Front - 245/45R19	32 psi, 2.2 bar, 220 kPa
Rear - 275/40R19	32 psi, 2.2 bar, 220 kPa

CHECKING THE TIRE PRESSURES

⚠WARNING

All tire pressures, including the spare, should be checked regularly using an accurate pressure gauge, when the tires are cold. Failure to properly maintain your tire pressures could increase the risk of tire failure, resulting in a loss of vehicle control and potential personal injury.

Check the tires, including the spare, for condition and pressure on a weekly basis and before long journeys.

If tire pressures are checked while the vehicle is inside a protected covered area, e.g. a garage, and subsequently driven in lower outdoor temperatures, tire under-inflation could occur.

A slight pressure loss occurs naturally with time. If this exceeds 2 psi (0.14 bar, 14 kPa,) per week, have the cause investigated and rectified by qualified assistance.

If it is necessary to check tire pressures when the tires are warm, you should expect the pressures to have increased by up to 4 - 6 psi (0.3 - 0.4 bar, 30 - 40 kpa). Do not reduce the tire pressures to the cold inflation pressure under these circumstances. Allow the tires to cool fully before adjusting the pressures.

TIRE VALVES

Keep the valve caps screwed down firmly to prevent water or dirt entering the valve. Check the valves for leaks when checking the tire pressures.

PUNCTURED TIRES

⚠WARNING

Do not drive the vehicle with a punctured tire. Even if the punctured tire has not deflated, it is unsafe to use, as the tire may deflate suddenly at any time, potentially resulting in loss of control and an accident.

REPLACEMENT TIRES

⚠WARNING

Always fit replacement tires of the same type, and wherever possible of the same make and tread pattern.

If the use of tires not recommended by Jaguar is unavoidable, ensure that you read, and fully comply with, the tire manufacturers instructions. Failure to do so may lead to tire failure due to incorrect fitment or use.

Ideally, tires should be replaced in sets of 4. If this is not possible, replace the tires in pairs (front or rear). When tires are replaced, the wheels should always be re-balanced and alignment checked.

The correct tire specification for your vehicle can be found on the tire placard label.

PRESSURE COMPENSATION FOR AMBIENT TEMPERATURE CHANGES

A colder ambient local temperature will reduce pressure within the tire. An effect is to decrease sidewall height and to increase tire shoulder wear with the potential for tire failure. Vehicle dynamics could also be adversely affected.

Tire pressures can be adjusted to compensate before the start of the journey. Alternatively, tire pressures can be adjusted when the area of lower ambient temperature is reached.

In this situation, the vehicle must be left in the ambient local temperature for a least one hour before tire pressure is adjusted.

To compensate for colder ambient temperatures, tire pressures should be increased by 2 psi (0.14 bar, 14 kPa) for each 20°F (10°C) decrease.

Note: *Ensure that correct tire pressures are maintained when moving to areas of differing ambient temperature.*

AVOIDING FLAT SPOTS

In order to minimize flat spotting, the tire pressures can be increased to the maximum as stated on the tire sidewall, for the period when the vehicle is stationary. Tires must be returned to the specified running pressures before driving.

TIRE DEGRADATION

Tires degrade over time due to the effects of ultraviolet light, extreme temperatures, high loads, and environmental conditions. It is recommended that all tires, including the spare, are replaced at least every six years, but they may require replacement more frequently.

USING WINTER TIRES

When fitted, winter tires must be fitted to all 4 wheels.

When using winter tires, do not exceed the speed as denoted by the speed rating stated on the sidewall of the tire.

Note: *Tires with an all season icon or* ***M+S****, have a level of winter performance and need not be replaced by winter tires.*

APPROVED WINTER TIRE SIZES

Front:

- 245/45R19 102V Pirelli Sottozero Series II, 245/40R20 99V Pirelli Sottozero Series II.

Rear:

- 275/40R19 105V Pirelli Sottozero Series II, 275/35R20 102V Pirelli Sottozero Series II.

WINTER TIRE PRESSURES

Up to 150 mph (240 km/h)	
Front	32 psi (2.2 bar, 220 kPa)
Rear	32 psi (2.2 bar, 220 kPa)

USING SNOW CHAINS

NOTICE

It is essential that only snow chains of the recommended type are fitted.

Snow chains can only be fitted to rear wheels. They should not be used on temporary use spare wheels.

Contact your Dealer/Authorized Repairer for details and availability of approved snow chains.

The maximum speed when using snow chains is 30 mph (50 km/h).

Note: *When using snow chains, select JaguarDrive Control Winter mode* ***and*** *switch DSC off. DSC would reduce the deep snow traction capability as it would limit wheel spin to a level below that which is required to generate maximum traction.*

ULTRA HIGH PERFORMANCE (UHP) TIRES

NOTICE

This vehicle is equipped with UHP tire and wheel combinations designed to provide maximum dry road performance with consideration for hydroplaning resistance. These low profile high speed rated tires may be more susceptible to damage from road hazards. UHP tires have performance enhancing soft rubber tread compounds, which when driven aggressively experience rapid tread wear and shorter life than less performance oriented tires.

NOTICE

These tires are not recommended for driving on snow or ice, and should be replaced with winter tires when weather conditions dictate.

UNITED STATES DEPARTMENT OF TRANSPORTATION

The following information relates to the tire grading system developed by the National Highway Traffic Safety Administration which will grade tires by tread wear, traction and temperature performance.

Note: *Tires that have deep tread and winter tires, are exempt from these markings requirements.*

UNIFORM TIRE QUALITY GRADING

Quality grades can be found where applicable on the tire sidewall between the tread shoulder and maximum section width.

For example: **Treadwear 200 Traction AA Temperature A.**

In addition to the markings requirements, passenger car tires must conform to Federal Safety Requirements.

TREADWEAR

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one-half (1.5) times as well on the government course as a tire graded 100.

The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

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When the tread has worn down to approximately 2 mm, wear indicators start to appear at the surface of the tread pattern. This produces a continuous band of rubber across the tread as a visual indicator.

Note: *Local legislation may determine a greater tread depth to that shown by the tire wear indicators. It remains the driver's responsibility to ensure the tread depth meets the local legal requirements. Do not rely on the tread wear indicators alone.*

⚠WARNING

Wear indicators show the minimum tread depth recommended by the manufacturers. Tires which have worn to this point will have reduced grip and poor water displacement characteristics. This can lead to accidents causing serious injury or death.

NOTICE

If tread wear is uneven across the tire, or a tire wears excessively, the vehicle should be checked by your Dealer/Authorized Repairer as soon as possible.

TRACTION

The traction grades, from highest to lowest, are **AA**, **A**, **B**, and **C**. The grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tire marked C may have poor traction performance.

⚠WARNING

The traction grade assigned to this tire is based on straight-ahead braking traction tests and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

TEMPERATURE

The temperature grades are **A** (the highest), **B**, and **C**, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel.

Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure.

The grade **C** corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109.

Grades **B** and **A** represent higher levels of performance on the laboratory test wheel than the minimum required by law.

⚠WARNING

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

TIRE GLOSSARY

lbf/in^2 or psi

Pounds per square inch, an imperial unit of measure for pressure.

kPa

Kilo Pascal, a metric unit of measure for pressure.

Cold tire pressure

The air pressure in a tire which has been standing in excess of three hours, or driven for less than one mile.

Maximum inflation pressure

The maximum pressure to which the tire should be inflated. This pressure is given on the tire side wall in lbf/in^2 (psi) and kPa.

Note: *This pressure is the maximum allowed by the tire manufacturer. It is not the pressure recommended for use.*

Curb weight

The weight of a standard vehicle, including a full tank of fuel, any optional equipment fitted, and with the correct coolant and oil levels.

Gross vehicle weight

The maximum permissible weight of a vehicle with driver, passengers, load, luggage and equipment.

Accessory weight

The combined weight (in excess of those items replaced) of items available as factory installed equipment.

Production options weight

The combined weight of options installed which weigh in excess of 3 lb (1.4 kg) more than the standard items that they replaced, and are not already considered in curb or accessory weights. Items such as heavy duty brakes, high capacity battery, special trim etc.

Vehicle capacity weight

The number of seats multiplied by 150 lb (68 kg) plus the rated amount of load/luggage.

Maximum loaded vehicle weight

The sum of curb weight, accessory weight, vehicle capacity weight, plus any production option weights.

Rim

The metal support for a tire, or tire and tube, upon which the tire beads are seated.

Bead

The inner edge of a tire that is shaped to fit to the rim and form an air tight seal. The bead is constructed of steel wires which are wrapped, or reinforced, by the ply cords.

PRODUCTION OPTION WEIGHTS

(USA only)

⚠WARNING

Do not exceed the weight limits specified on the TIRE LOADING INFORMATION label.

This table list the production option weights for optional equipment. To calculate the curb weight of your vehicle, add the weight of all production options, including optional alloy wheels and spare wheel, to the basic curb weight for your vehicle.

Note:

The weights listed in this table give the increase (or decrease) in weight, over the standard vehicle.

Option weights for wheels and tires give the increase (or decrease) in weight for a set of 4 wheels, so the figure only needs to be added to the curb weight once.

	Weight lb (kg)
Production options	
Rear window blind	4.4 (2.0)
Adaptive Cruise Control (ACC)	1.8 (0.8)
Wheels and tires	
Normally aspirated engine:	
19 inch Toba wheels (replacing 19 inch Aleutian wheels)	0
20 inch Kasuga wheels (replacing 19 inch Aleutian or Toba wheels)	19.4 (8.8)
20 inch Orona wheels (replacing 19 inch Aleutian or Toba wheels)	19.4 (8.8)
Supercharged engine:	
20 inch Amirante wheels (replacing 20 inch Kasuga wheels)	-0.4 (-0.2)
20 inch Orona wheels (replacing 20 inch Kasuga wheels)	0
19 inch wheels (replacing 20 inch wheels)	-19.4 (8.8)

STEPS FOR DETERMINING CORRECT LOAD LIMIT

⚠WARNING

Do not exceed the vehicle capacity weight (the total weight of driver, passengers and cargo) given on the tire information label.

1. Locate the statement "The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs" on your vehicle's placard.
2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
3. Subtract the combined weight of the driver and passengers from XXX kilograms or XXX lbs.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the "XXX" amount equals 1400 lbs. and there will be five 150 lb. passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs.

   (1400 - 750 (5 x 150) = 650 lbs).
5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

The number and weight of passengers will affect the cargo and luggage capacity. In the example above, the cargo and luggage load capacity is 650 lbs. However, if fewer passengers ride in the vehicle, the luggage load capacity will increase. If this vehicle carries three 150 lb passengers, the cargo and luggage load capacity will increase to 950 lbs:

(3 x 150 = 450 lbs, and 1400 - 450 + 950 lbs).

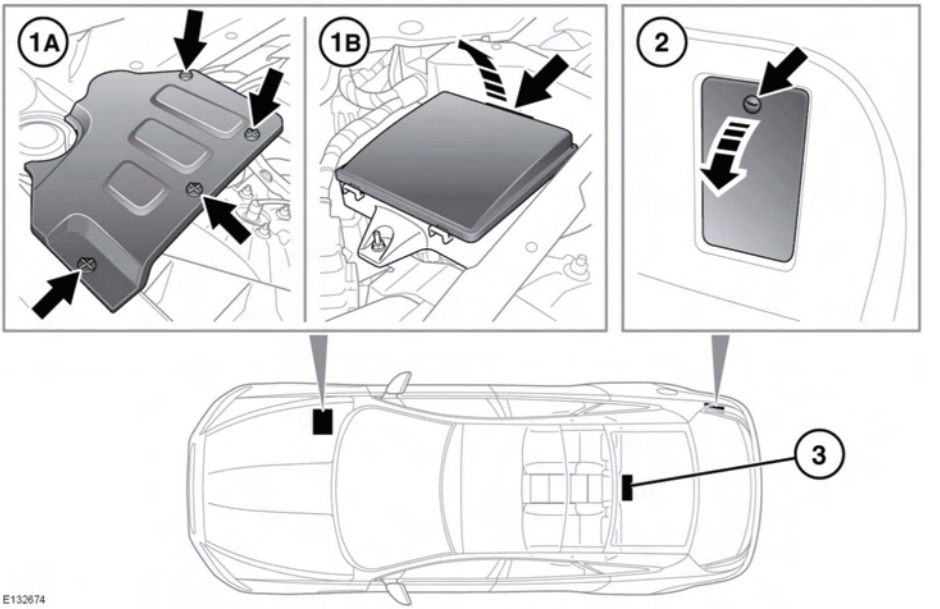
If the passengers weigh more, the cargo and luggage load capacity will decrease.

⚠WARNING

The weight of accessories must also be subtracted from the cargo and luggage load capacity. See 184, PRODUCTION OPTION WEIGHTS. If you are unsure of the weight of any accessories fitted to your vehicle, contact your Dealer/Authorized Repairer.

Overloading the vehicle will have an adverse affect on braking and handling characteristics, which could compromise your safety. Overloading a vehicle may also cause tire damage or failure. Never overload your vehicle.

FUSE BOX LOCATIONS



NOTICE
When a fuse box lid is removed, take care to protect the box from moisture, and refit the lid at the earliest opportunity.

There are three separate fuse boxes fitted to the vehicle, each one containing fuses protecting a different group of circuits.

1. The engine compartment fuse box.
   - **A.** Remove cover.
   - **B.** Remove fuse box cover.
2. The luggage compartment fuse box.
3. The passenger compartment fuse box.

Note: *The passenger compartment fuse box is accessed through a lift-up flap behind the rear center arm rest.*

CHANGING A FUSE

NOTICE
Always turn off the ignition system and the affected electrical circuit, before replacing a fuse.

NOTICE
Fit Jaguar approved replacement fuses of the same rating and type, or fuses of matching specification.

NOTICE
If the replacement fuse blows after installation, the system should be checked by your Dealer/Authorized Repairer.

Note: *Jaguar recommend that owners do not remove or replace relays. It is recommended that you seek qualified assistance in the event of a relay failure.*

Spare ATO fuses are located in the tool tray situated under the floor in the luggage compartment.

ENGINE COMPARTMENT FUSE BOX

Fuse No	Rating (amps)	Fuse Color	Circuit
F1	-	-	-
F2	15A	Blue	Ignition coils
F3	5A	Tan	CDCS ECU, EPB, EMS, ECM
F4	30A	Green	Power wash pump.
F5	-	-	-
F6	-	-	-
F7	40A	Orange	RH front glass heater.
F8	-	-	-
F9	-	-	-
F10	-	-	-
F11	-	-	-
F12	-	-	-
F13	-	-	-
F14	-	-	-
F15	-	-	-
F16	-	-	-
F17	15A	Blue	TCM, ETS.
F18	20A	Yellow	EMS main, EMS secondary control.
F19	30A	Green	Starter.
F20	40A	Orange	DSC pump.
F21	25A	Clear	ABS slip valves.
F22	-	-	-
F23	-	-	-
F24	15A	Blue	Intercooler water pump.
F25	15A	Blue	Horns.
F26	40A	Orange	Wiper motor.
F27	-	-	-
F28	15A	Blue	ECM, VVT diode.

Fuse No	Rating (amps)	Fuse Color	Circuit
F29	5A	Tan	Oil quality, MAFS, DHTL.
F30	10A	Red	Throttle motor.
F31	10A	Red	Radiator fan, ECM cooling fan, purge valve, CPS valves, IMTV.
F32	40A	Orange	Front glass heater.
F33	20A	Yellow	UHEGO bank A heaters.
F34	20A	Yellow	UHEGO bank B heaters.
F35	100A	Black	Engine cooling fan.

PASSENGER COMPARTMENT FUSE BOX

Fuse No	Rating (amps)	Fuse Color	Circuit
F1	5A	Tan	RF-RX, IMS, TPMS.
F2	-	-	-
F3	-	-	-
F4	-	-	-
F5	5A	Tan	DSC module, Yaw rate, SAS.
F6	5A	Tan	ACC.
F7	20A	Yellow	Rear climate control.
F8	30A	Green	Front passenger's seat adjustment.
F9	5A	Tan	EPB.
F10	5A	Tan	Air suspension ECM.
F11	-	-	-
F12	-	-	-
F13	-	-	-
F14	5A	Tan	Brake pedal switch.
F15	30A	Green	Heated rear glass.
F16	-	-	-
F17	5A	Tan	KVM supply.
F18	5A	Tan	Fuel pump relay.
F19	5A	Tan	ECM.
F20	10A	Red	Heated steering wheel.

Fuse No	Rating (amps)	Fuse Color	Circuit
F21	5A	Tan	AC sensor, Front overhead console, Front dual climate control module and smog sensor.
F22	5A	Tan	TCM, E-Diff, Jaguar Drive selector.
F23	5A	Tan	Headlamp levelling.
F24	5A	Tan	RH front and rear lamp clusters.
F25	10A	Red	LH front and rear lamp clusters.
F26	-	-	-
F27	-	-	-
F28	20A	Yellow	Rear seat dual climate control module.
F29	20A	Yellow	Front seat dual climate control module.
F30	25A	Clear	Passenger door module.
F31	5A	Tan	Rain/light sensor.
F32	25A	Clear	Driver's door module.
F33	20A	Yellow	Front dual climate control module.
F34	10A	Red	Fuel filler flap lock.
F35	-	-	-
F36	5A	Tan	Battery back up sounder/tilt sensor.
F37	20A	Yellow	KVM.
F38	15A	Blue	Windshield wash pump relay.
F39	25A	Clear	LH rear door module.
F40	5A	Tan	Driver's window, Clock, ICP, Rear climate panel, passenger door memory.
F41	5A	Tan	Power amp.
F42	30A	Green	Driver's seat module.
F43	-	-	-
F44	25A	Clear	RH rear door module.
F45	30A	Green	Passenger front seat switch pack.
F46	30A	Green	Driver's seat module.
F47	-	-	-
F48	-	-	-
F49	5A	Tan	RH headlamp motor.
F50	5A	Tan	LH headlamp motor.
F51	5A	Tan	Steering wheel switches.

Fuse No	Rating (amps)	Fuse Color	Circuit
F52	20A	Yellow	Front cigar lighter.
F53	20A	Yellow	Rear cigar lighter.
F54	-	-	-
F55	20A	Yellow	Rear accessory socket.
F56	10A	Red	RCM/OCS.
F57	10A	Red	Glove box, glove box lamp, front and rear overhead consoles, sun visor lamps, vanity lamps.
F58	-	-	-
F59	-	-	-
F60	-	-	-
F61	10A	Red	IAU, cluster, cluster fan.
F62	10A	Red	Climate control module.
F63	20A	Yellow	Front accessory socket.
F64	15A	Blue	IAM (head unit).
F65	-	-	-
F66	5A	Tan	OBD 2.
F67	-	-	-
F68	10A	Red	Satellite Radio, TVM.
F69	15A	Blue	HLDF.

LUGGAGE COMPARTMENT FUSE BOX

Fuse No	Rating (amps)	Fuse Color	Circuit
F1	40A	Orange	LH seat belt retract.
F2	15A	Blue	CVD ECU, ACC.
F3	5A	Tan	PAM, blindspot monitor, mirrors, rear view camera.
F4	10A	Red	Chassis control module.
F5	20A	Yellow	Air suspension, chassis control module.
F6	30A	Green	Electronic parking brake (EPB).
F7	40A	Orange	RH seat belt retract.
F8	30A	Green	Fuel pump.
F9	40A	Orange	Power amp.

Fuse No	Rating (amps)	Fuse Color	Circuit
F10	-	-	-
F11	-	-	-
F12	-	-	-
F13	5A	Tan	Air suspension.
F14	40A	Orange	Blower motor.
F15	10A	Red	Passenger seat lumbar bolster massage.
F16	-	-	-
F17	20A	Yellow	Front seat heater module.
F18	20A	Yellow	Rear seat heater module, parcel shelf sunblind.
F19	10A	Red	Driver's seat lumbar bolster massage.
F20	20A	Yellow	Power trunk lid.
F21	30A	Green	Sunblind.
F22	60A	Blue	Air suspension.
F23	40A	Orange	Rear differential.

WHEEL CHANGING SAFETY

Before raising the vehicle, or changing a wheel ensure that you read, and comply with the following warnings. Failure to do so may result in serious injury or death.

⚠WARNING

Always find a safe place to stop, off the highway and away from traffic.

Always switch on the hazard warning lamps to alert all traffic of the obstruction.

Apply the parking brake, and engage Park (P). Turn the engine off and remove the Smart Key from the vehicle. Failure to do so can result in unexpected movement of the vehicle causing serious injury or death.

⚠WARNING

Ensure that all passengers, and animals, are out of the vehicle and in a safe place away from the highway.

Always place a warning triangle at a suitable distance behind the vehicle, facing towards oncoming traffic.

⚠WARNING

Ensure that the vehicle and jack are both on firm level ground. Do not jack the vehicle if it is over a metal grating or manhole cover.

Ensure that the front wheels are in the straight ahead position, and engage the steering lock.

⚠WARNING

When one rear wheel is lifted off the ground the selection P (Park) position will not prevent the vehicle from moving and possibly slipping off the jack as the park brake only operates on the rear wheels. Use the wheel chock when jacking the vehicle.

Always chock the wheel diagonally opposite the wheel to be changed, using the wheel chock supplied in the tool kit. Chock the front of a front wheel, or the rear of a rear wheel.

If jacking the vehicle on a slight slope is unavoidable, place chocks on the downhill side of the two opposite wheels. An additional chock will be needed.

⚠WARNING

Remove the spare wheel prior to jacking the vehicle, to avoid destabilizing the vehicle when raised.

⚠WARNING

Never place anything between the jack and the ground, or between the jack and the vehicle.

Do not attempt to raise the vehicle unless the jack head is fully engaged in the jacking point. Only jack the vehicle using the approved jacking points.

Always position the jack from the side of the vehicle, in line with the appropriate jacking point.

Always use the complete jacking lever assembly throughout, to minimize any chance of accidental injury.

⚠WARNING

Never work beneath the vehicle with the jack as the only means of support - use vehicle support stands.

Take care when lifting the spare wheel, and removing the punctured wheel. The wheels are heavy, and can cause injuries if not handled correctly.

Take care when loosening the wheel nuts. The wheel brace may slip off if not properly attached, and the wheel nuts may give way suddenly. Either unexpected movement may cause an injury.

Always ensure replacement tires have the correct rating and specifications (e.g. load index, size, speed rating) for your vehicle.

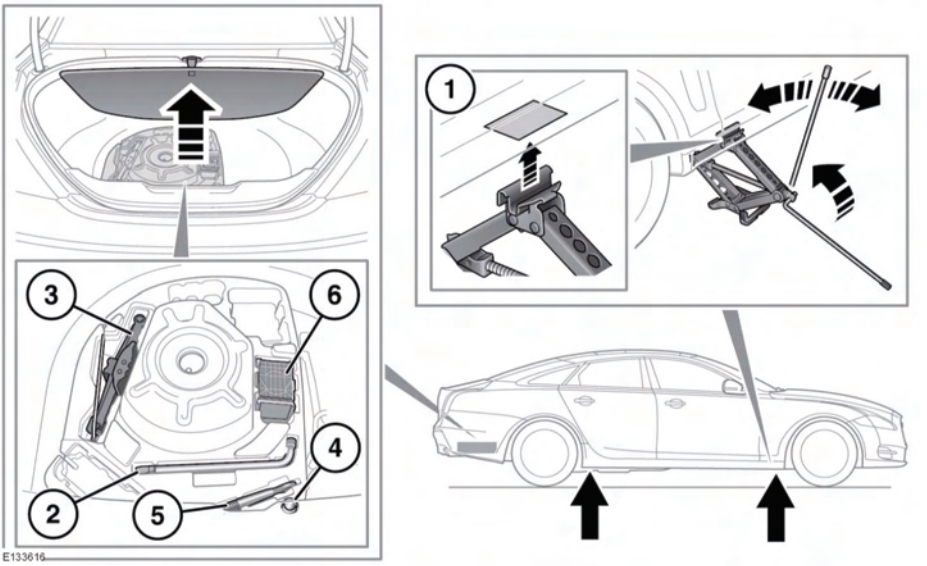
⚠WARNING

Do not start or run the engine while the vehicle is supported only by a jack.

⚠WARNING

After wheel changing, always secure tools, chocks, jack and replaced wheel in their correct storage positions. Such objects, if not properly stowed, can become flying missiles in a crash or rollover, potentially causing injury or death.

WHEEL CHANGING



Before raising the vehicle slacken but do not remove the wheel nuts.

1. Observe the instructions printed on the jack.

   There are 4 jacking points on the underside of the floor. Two indented, triangular indicators are provided on each sill cover. These indicate the location for the jack.

   Carefully raise the vehicle by turning the jack handle. Stop jacking the vehicle when the tire just clears the ground. Minimum tire lift gives maximum vehicle stability.

   Note: *To remove the center badge use the plastic tipped end of the wheel nut wrench handle, push the center badge from its housing from the inside of the wheel.*

   To remove the spare wheel, unscrew and remove the bolt through the center.

   Fit the spare wheel and loosely secure with the wheel nuts.

   Lower the vehicle and then tighten the wheel nuts. See **195, TIGHTENING THE WHEEL NUTS**.
2. Wheel brace.
3. Jack.
4. Locking wheel nut adaptor.
5. Towing eye.
6. Wheel chock.

TEMPORARY USE SPARE WHEEL

Observe the following warnings before using the wheel:

⚠WARNING

When a temporary use spare wheel is fitted, drive with caution and replace with the specified wheel and tire as soon as possible.

Do not fit more than one temporary use spare wheel and tire assembly to the vehicle at any one time.

⚠WARNING

The temporary use spare wheel must be inflated to 60 psi (4.2 bar, 420 kPa) and cannot be repaired.

⚠WARNING

Temporary use spare wheel, maximum speed is 80 mph (50 km/h).

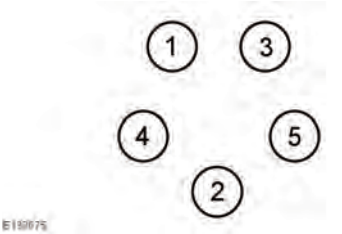
⚠WARNING

DSC must be on when the temporary use spare wheel is in use.

LOCKING WHEEL NUTS

Note: *A code number is stamped on the side of the locking nut. Ensure the number is recorded on the Security Card supplied with the literature pack. Quote this number if a replacement is required. Do not keep the Security Card in the vehicle.*

TIGHTENING THE WHEEL NUTS



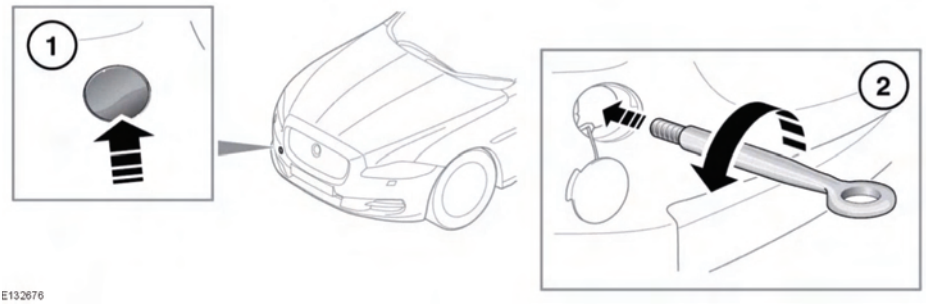
Using the wheel nut wrench, lightly tighten the wheel nuts alternately using the sequence shown in the illustration.

Lower the jack and tighten the wheel nuts alternately. Do not overtighten by using foot pressure or extension bars on the wheel nut wrench.

At the earliest opportunity have the wheel nuts tightened with a torque wrench to 92 lb.ft (125 Nm).

This torque must not be exceeded.

TOWING EYES



E132676

⚠WARNING

The towing eye at the front is designed for on-road recovery only. If it is used for any other purpose, it may result in vehicle damage and cause serious injury or death

⚠CAUTION

Do not tow the vehicle on all four wheels.

ATTACHING THE FRONT TOWING EYE

The front towing eye is included in the tool kit, located in the under-floor area of the luggage compartment.

1. Pop out the cover in the front bumper.
2. Locate the towing eye through the bumper and screw the towing eye counter-clockwise into its fixing, until secure.

TRANSPORTING THE VEHICLE

⚠WARNING

Use extreme caution when moving or towing the vehicle. Death or serious injury may occur.

NOTICE

Only use the lashing points indicated, or over-tire tie-downs or wheel chocks. Lashing over the body or suspension is not permissible, as settling of the air suspension will cause lashing straps to slacken.

The recommended method for recovery /transportation of the vehicle, is on a transporter or trailer designed for that purpose.

Ensure that transportation is carried out by suitably qualified persons, and that the vehicle is secured correctly.

BEFORE STARTING OR DRIVING

⚠WARNING

If the vehicle is involved in a collision it should be checked by a Dealer/Authorized Repairer, or suitably qualified personnel, before starting or driving.

SERVICE DATA RECORDING

Service data recorders in your vehicle are capable of collecting and storing diagnostic information about your vehicle. This potentially includes information about the performance or status of various systems and modules in the vehicle, such as engine, throttle, steering or brakes.

In order to properly diagnose and service your vehicle, Jaguar Cars Limited and service and repair facilities may access vehicle diagnostic information through a direct connection to your vehicle.

EVENT DATA RECORDING

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situation, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating.
- Whether or not the driver and passenger seat belts were buckled/fastened.
- How far (if at all) the driver was pressing the accelerator and/or brake pedal; and,.
- How fast the vehicle was travelling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

Note: *EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions and no personal data (e.g. name, gender, age and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.*

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

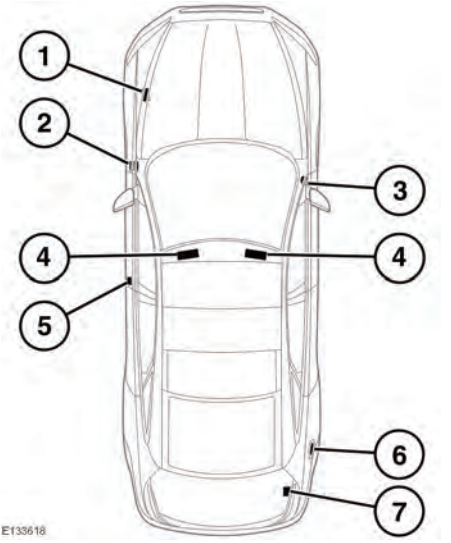
LABEL LOCATIONS

Warning labels attached to your vehicle bearing this symbol mean: Do not touch or adjust components until you have read the relevant instructions in the handbook.

Labels showing this symbol indicate that the ignition system utilizes very high voltages. Do not touch any ignition components while the starter switch is turned on.

Labels are applied to draw your attention to important subjects (e.g. tire pressures, air bags, engine compartment hazards, etc.).

Additional information labels may also be found at these locations.



1. Left-hand inner fender - Air conditioning label
2. Left-hand A pillar - Vehicle Identification label.

   Note: *The VIN number is also stamped on a plate, visible through the bottom left hand side of the windshield.*
3. End of fascia - Passenger air bag label
4. Sun visor - Air bag label
5. Base of left-hand B pillar - Tire pressure label, Air bag warning label.
6. Inner face of fuel filler flap - Fuel specification label
7. Top face of battery - Battery warning symbols

It is important that you are familiar with these subjects to ensure that your vehicle and its features are used safely. Using the index at the back of this handbook, refer to the relevant topic for more information.

ENGINE NUMBER

The number is located on the front of the right-hand cam cover.

TRANSMISSION NUMBER

The transmission number is located on a label attached to the transmission casing.

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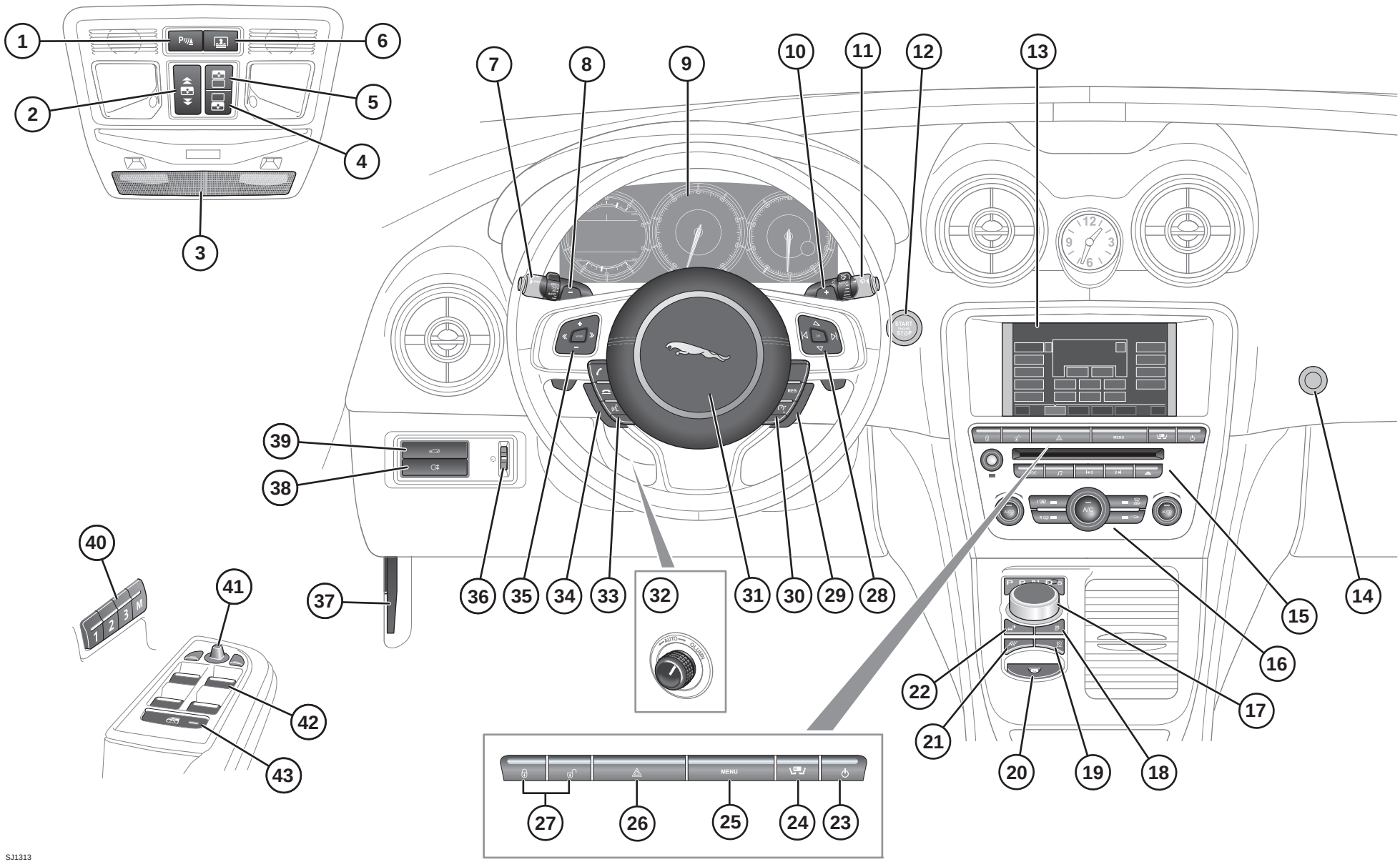
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